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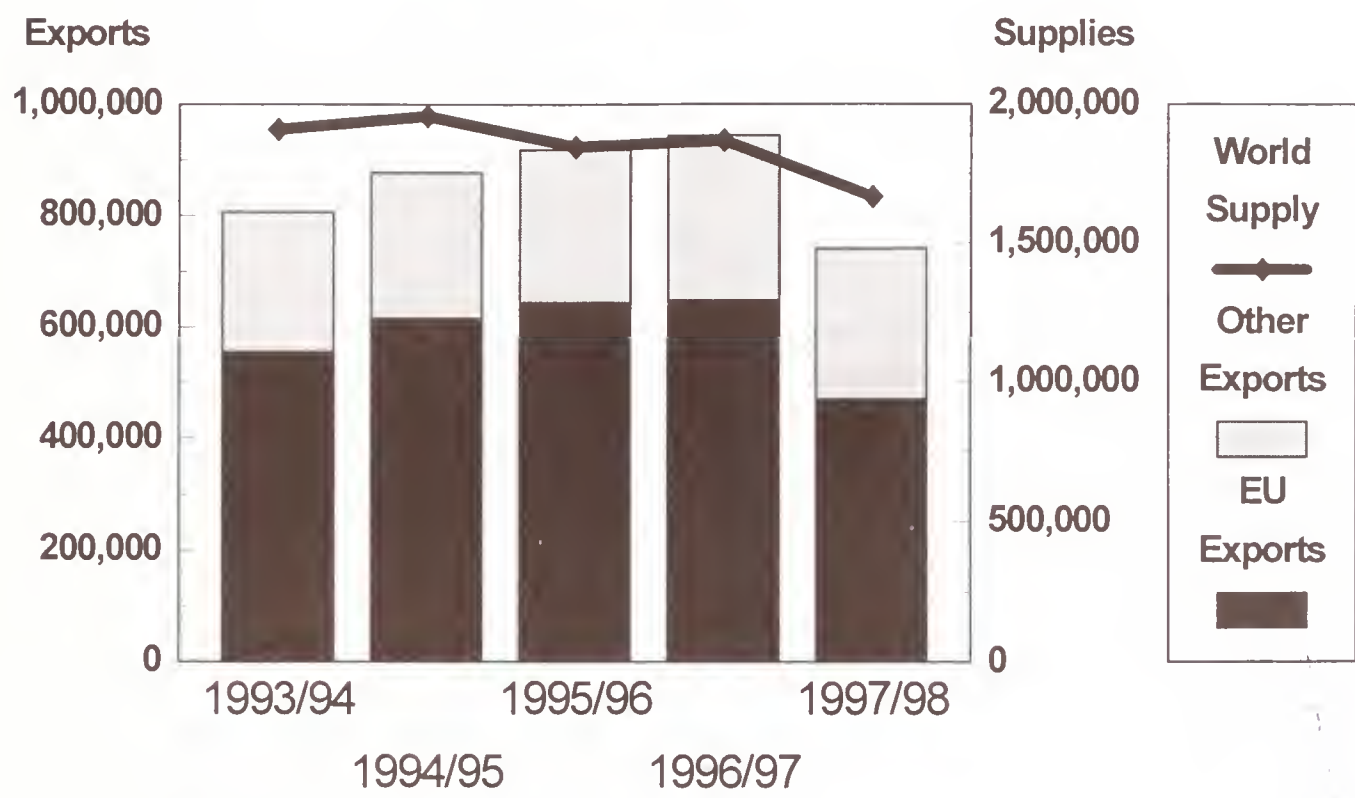
United States  
Department of  
Agriculture

Foreign  
Agricultural  
Service

Circular Series  
FHORT 05-98  
May 1998

# World Horticultural Trade and U.S. Export Opportunities

## Unfavorable Weather Reduces World Supply and Trade of Canned Fruits



Source: Attaché' reports  
Marketing year is June - May  
Units measured in metric tons

World exports of canned fruit in 1997/98 are forecast at about 740,000 metric tons, down 22 percent from last year due to reduced supplies. Unfavorable weather in the world's three largest exporting countries, Greece, South Africa and Italy, reduced fresh fruit and canned fruit production and affected fruit quality. Strong demand for canned fruit in producing countries is expected to draw down stocks further. European Union (EU) domestic consumption of canned fruit is forecast to increase by 4 percent this year, after five straight years of declines averaging five percent per year. Reduced fresh fruit supplies in the EU have increased canned fruit demand. EU exports of canned peaches are normally priced under other competitors and in the past fueled export expansion of canned fruits. This year, however, the EU exportable surplus was reduced. EU exports of canned fruit in 1997/98 are forecast at 468,700 tons, down 28 percent from the previous year. EU canned peach exports are forecast to decrease by 32 percent to 302,000 tons. U.S. canned peach exports in 1997/98, on the other hand, are forecast to increase 25 percent to 20,000 tons.

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<b><u>ANALYSIS</u></b>		
Frank Hokana	720-0875	Sugar, cocoa, and coffee production
Sam Rosa	202-720-6086	Fresh deciduous fruit, apple juice, olives, stone fruit, and CBI
Brian Grunenfelder	202-690-2702	Trade policy, food safety, and plant health group leader
Bill Janis	202-720-0897	Fresh and processed potatoes, tree nuts, and tropical fruits
Bob Knapp	202-720-4620	Canned deciduous fruit and kiwifruit
Emanuel McNeil	202-720-2083	Fresh and processed vegetables, melons, bananas, nursery products, and cut flowers
Debra A. Pumphrey	202-720-8899	Coffee, cocoa, spices, essential oils, ginseng, and trade forecasts
Stephanie Riddick	202-720-9792	Dried fruit, avocados, beer, hops, berries, and circular coordinator
Joe Somers	202-720-2974	Situation and outlook group leader, processed citrus, trade forecast coordinator, FAO citrus liaison, and circular editor
Debbie Seidband	202-720-6877	Sugar, honey, and fresh citrus
Yvette Wedderburn Bomersheim	202-720-9903	Wine and brandy, table grapes, GSM-102 export credits, NAFTA coordinator and supplier credits
Janise Zygmunt	202-720-1176	Organics
<b><u>MARKETING</u></b>		
Ted Goldammer	202-720-8498	Fresh citrus and products, hops, and potatoes
Pamela McKenzie	202-720-8495	Canned deciduous fruit, grape juice, cranberries, kiwifruit, and honey
Steve Shnitzler	202-720-8495	Avocados, ginseng, apricots, papaya, dates, figs, cut flowers
Gina Castelnovo	202-720-0898	Wine, brandy, berries
Kelly Strzelecki	202-690-1341	Dried fruit, organics
James Carlson	202-720-0911	Fresh deciduous fruit
Ingrid Mohn	202-720-5330	Tree nuts
Sonia Jimenez	690-6057	Vegetables



# Table of Contents

PAGE

## WORLD TRADE SITUATION AND POLICY UPDATES:

Israel imposes new tax on apple and pear imports	9
Settlement reached on U.S./Mexico apple anti-dumping dispute	9
Counterfeit apples situation in Taiwan resolved	10
USDA efforts to open Thailand to Arizona and Texas citrus dealt setback	10
U.S. french fry exports to benefit from modified Canadian packaging requirements	10
Australia to permit imports of California sweet cherries under treatment	11
The Horticultural and Tropical Products Division announces new internet homepage	11

## EXPORT NEWS AND OPPORTUNITIES:

U.S. exports of fresh watermelons in 1997 reach record for fifth consecutive year	12
USDA establishes horticultural allocation for Korea GSM-102; various programs to include horticultural products and increase operational credit guarantees	12
USDA amends Southeast Asia and Baltic Region Supplier Credit Guarantee Programs	13

## FEATURE ARTICLES:

Outlook for Concentrated Apple Juice Production and Trade in Selected Countries	16
Canned Deciduous Fruit Situation in Selected Countries	23
Strawberry Trade Situation in Selected Countries	35
Survey of Fresh Papaya Exports	44

## STATISTICS:

U.S. Horticultural Product and Market Export Summaries	4
U.S. Horticultural February Export Summary	5
U.S. Horticultural February Import Summary	7
FY 1998 GSM-102 Credit Guarantee Coverage	14
FY 1998 Supplier Credit Coverage	15
Concentrated Apple Juice: Production, Supply and Utilization in Selected Countries	19
U.S. Concentrated Apple Juice Imports, 1994/95-1996/97	21
U.S. Concentrated Apple Juice Exports, 1994/95-1996/97	22
Canned Peaches: Production, Supply and Distribution	26
Canned Pears: Production, Supply and Distribution	28
Canned Fruit Mixtures: Production, Supply and Distribution	30
Canned Apricots: Production, Supply and Distribution	32
United States: Canned Peach Exports & Imports	33
United States: Canned Pear and Canned Fruit Mixtures Exports	34
Fresh Strawberries: Production Supply & Distribution	40
Frozen Strawberries: Production Supply & Distribution	42
Fresh Papayas: Production, Imports, Exports and Apparent Consumption	46
February U.S. Exports of Horticultural Products by Country of Destination	47
February U.S. Imports of Horticultural Products by Country of Origin	52

## Export Summary

U.S. exports of horticultural products to all countries in February totaled \$741.8 million, down 8 percent from the same month a year earlier. Ten out of 15 categories registered decreases. Categories with the most significant decreases in February were miscellaneous products (down \$28.2 million or 13 percent); fresh citrus (down \$27.5 million or 29 percent); fresh non-citrus fruit (down \$12.7 million or 24 percent); and tree nuts (down \$8.7 million or 10 percent). The categories with the most significant increases were wine (up \$14.3 million or 50 percent) and fresh vegetables (up \$5.6 million or 7 percent). For FY 1998 to date (October-February), the total value of U.S. horticultural exports was \$4.3 billion--2 percent below FY 1997 during the same time period.

From October 1997 to February 1998, 4 of the top 10 U.S. markets showed increases. Countries registering increases included Mexico (up 16 percent); Israel (up 11 percent); Canada (up 10 percent); and Australia (up 2 percent). Top 10 markets showing decreases include Korea (down 40 percent); Philippines (down 21 percent); Japan (down 14 percent); Taiwan (down 6 percent); Hong Kong (down 3 percent); and European Union (down 3 percent).

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All measures not otherwise noted are metric. One kilogram (kg.) = 2.2046 pounds,  
1 metric ton = 2,204.62 pounds, 1 liter = 0.2642 gallon,  
1 hectoliter (hl.) = 26.42 gallons, and 1 hectare (ha.) = 2.471 acres.

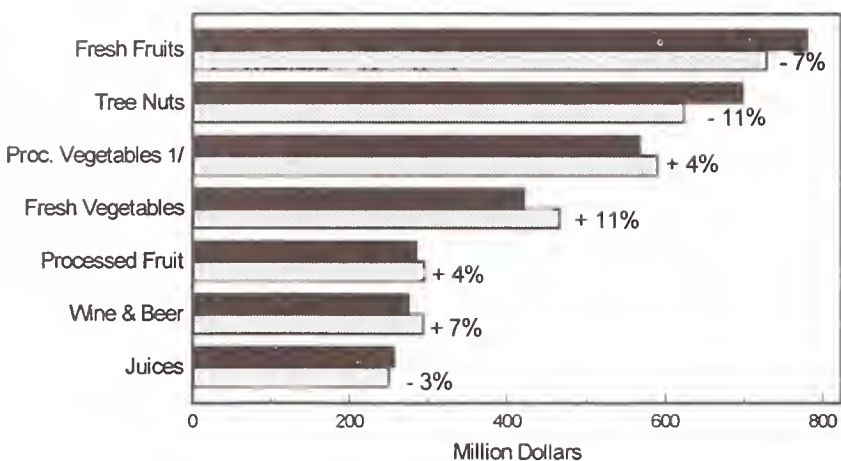
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# U.S. Horticultural Product and Market Export Summaries

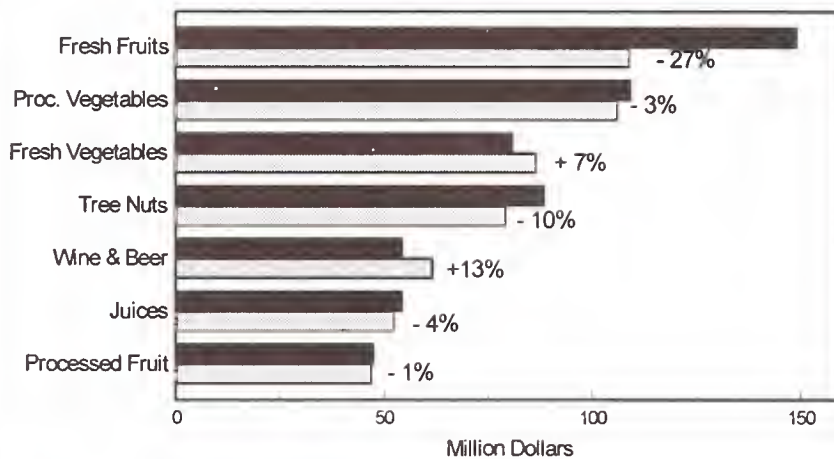
FY98 and Latest Month (February) Comparisons ■ FY97 □ FY98

## Selected Product Summary

-- Year-to-date --

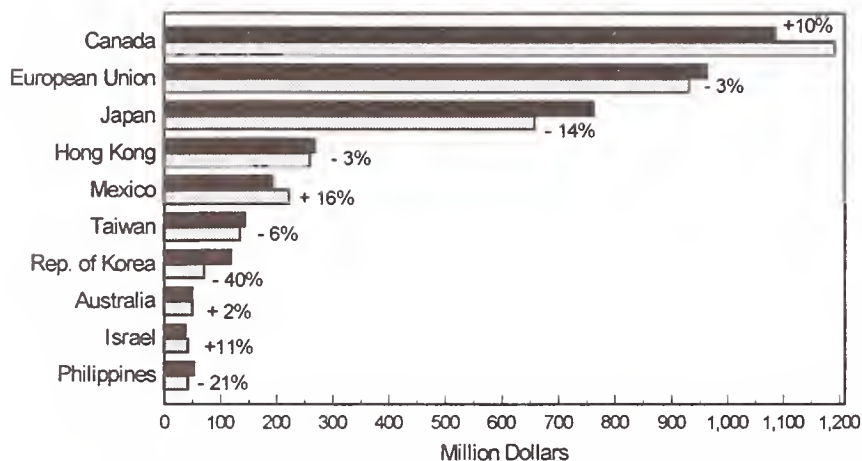


-- Latest month --

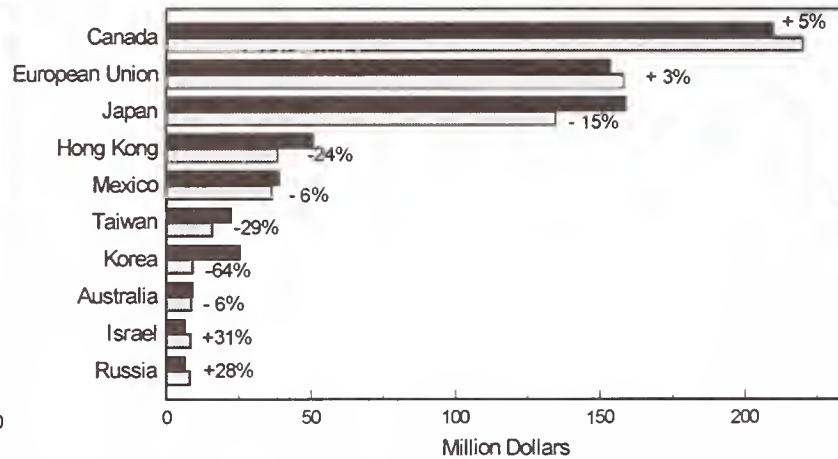


## Top Ten Market Summary

-- Year-to-date --



-- Latest month --



U.S. Exports of Selected Horticultural Products

Name		Quantity					Values (1000 Dollars)				
Group	& Product	Feb	Feb	Oct-Feb	Oct-Feb	Oct-Sep	Feb	Feb	Oct-Feb	Oct-Feb	Oct-Sep
		FY 1997	FY 1998	FY 1997	FY 1998	FY 1997	FY 1997	FY 1998	FY 1997	FY 1998	FY 1997
Fresh Citrus MT											
	Grapefruit	84,977	60,090	256,074	220,057	484,403	42,986	29,107	128,588	104,318	240,408
	Lemons	11,511	10,431	58,967	54,980	120,279	10,200	5,858	58,381	44,769	120,656
	Dranges, Incl. Tm	73,086	59,282	210,702	215,191	590,428	38,667	30,606	115,439	117,289	323,203
	Other Citrus	3,930	2,977	18,127	15,228	28,696	3,331	2,096	15,058	11,316	23,786
	Subtotal:----	173,503	132,781	543,869	505,456	1,223,805	95,186	67,667	317,465	277,692	708,053
Fresh Fruit, Non-Citrus MT											
	Apples	55,589	34,236	347,652	267,436	689,749	35,485	21,698	215,417	165,971	412,371
	Avocados	261	48	2,935	673	5,819	488	72	2,864	927	8,215
	Cherries Swt &trt	951	405	2,612	3,144	39,400	785	360	2,449	3,450	140,144
	Grapes	870	1,404	82,092	122,499	233,558	1,209	2,279	122,027	154,979	309,727
	Kiwifruit	783	1,025	3,203	3,949	5,438	1,096	1,515	4,477	4,759	7,036
	Melons	3,922	3,433	28,526	30,301	219,681	2,242	1,980	14,750	15,140	79,289
	Papaya	493	392	2,902	2,332	6,589	1,186	1,003	7,023	6,009	16,738
	Peaches & Nectrns	290	353	2,924	4,358	103,345	399	460	2,864	3,774	92,737
	Pears	6,713	10,171	75,562	100,613	126,409	4,317	6,156	46,489	53,147	76,052
	Plums/Prunes	182	255	2,234	2,956	71,906	313	350	2,456	3,048	61,224
	Strawberries	2,948	1,173	9,941	8,117	52,615	4,936	3,025	22,694	20,742	97,010
	Other Non-Citrus	1,270	2,292	19,656	16,964	54,810	1,363	2,225	20,232	19,595	75,169
	Subtotal:----	74,272	55,186	580,241	563,343	1,609,320	53,820	41,124	463,742	451,540	1,375,713
Can/Prep Fruit MT											
	Cherries, Tart Cn	358	188	1,414	1,278	4,916	513	299	1,994	1,764	6,338
	Fruit Mixtures	1,602	1,612	9,834	10,358	22,475	1,765	1,895	11,419	13,144	27,055
	Marachino Cherry	332	284	1,892	2,155	5,107	701	552	4,032	4,449	10,672
	Peaches, Canned	1,142	1,755	6,558	8,679	16,873	1,072	1,559	6,560	8,203	16,528
	Pineapple, Canned	638	192	1,961	1,571	3,694	567	164	1,793	1,499	3,443
	Other Canned Frui	3,211	4,800	17,407	27,238	45,120	4,064	4,983	20,855	29,131	51,682
	Other Prep/Preser	8,033	7,697	31,957	35,928	79,816	7,464	6,140	33,676	35,588	83,397
	Subtotal:----	15,315	16,527	71,022	87,207	178,001	16,146	15,593	80,330	93,780	199,114
Dried Fruit MT											
	Prunes, Dried	5,459	4,571	28,951	30,288	67,535	11,138	8,773	60,123	57,836	138,398
	Raisins, Dried	6,778	8,359	54,220	50,581	115,016	11,813	13,630	92,937	86,563	203,954
	Other Dried Fruit	1,022	1,290	8,422	8,946	17,313	2,954	3,648	24,969	25,336	50,290
	Subtotal:----	13,259	14,219	91,594	89,815	199,864	25,906	26,050	178,028	169,735	392,641
Frozen Fruit MT											
	Blueberries, Froz	396	503	2,693	2,825	16,281	681	936	5,233	5,807	22,468
	Strawberries, Fro	1,843	1,409	7,242	6,890	21,748	2,254	1,848	9,196	9,127	27,686
	Other Frozen Frui	1,100	862	6,793	6,832	22,046	1,668	1,159	9,222	9,415	28,524
	Subtotal:----	3,339	2,774	16,728	16,547	60,075	4,603	3,943	23,652	24,349	78,677
Fruit/Veg Juices KL											
	Grapefruit Ju, Cn	2,801	4,526	18,403	20,848	62,477	2,556	3,150	13,025	13,055	41,493
	Orange Juice, Con	33,079	25,040	114,970	86,865	381,926	12,522	11,880	63,239	48,032	177,635
	Orange Juice, Not	13,398	26,173	73,256	87,761	178,921	9,575	10,404	50,917	52,427	124,874
	Other Juices	38,105	35,378	173,978	202,875	467,575	29,689	26,923	130,098	137,059	340,694
	Subtotal:----	87,383	91,118	380,608	398,349	1,090,899	54,343	52,358	257,279	250,573	684,695
Fresh Vegetables MT											
	Potatoes	14,013	11,718	60,087	61,811	299,259	3,507	4,098	16,361	20,185	79,753
	Asparagus, Fr, Ch	2,034	1,769	3,417	3,224	15,160	7,629	5,847	11,931	10,642	50,688
	Broccoli	12,151	14,290	50,312	55,660	130,391	9,124	9,389	36,384	39,772	92,215
	Cauliflower	7,279	7,348	38,666	35,561	88,279	4,922	5,164	25,222	24,839	57,828
	Celery	9,368	9,943	50,637	52,774	117,410	4,419	3,322	21,146	21,729	48,961
	Lettuce, Fr Chld	25,691	26,279	131,661	135,396	294,482	11,062	11,532	64,444	79,940	146,612
	Onions	15,969	30,547	137,802	161,201	265,121	7,224	12,143	47,766	53,243	92,464
	Peppers	4,410	4,327	25,282	23,403	62,493	3,884	4,516	21,037	24,158	52,240
	Tomatoes	6,304	6,411	54,043	55,216	153,650	6,500	6,613	44,141	51,574	123,783
	Other Vegetables	28,434	31,200	148,519	165,652	480,790	22,661	23,878	133,751	140,792	323,221
	Subtotal:----	125,651	143,832	700,426	749,898	1,907,035	80,932	86,501	422,182	466,874	1,067,765



U.S. Exports of Selected Horticultural Products

Name		Quantity					Values (1000 Dollars)				
Group	& Product	Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997	Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997
<b>Veg Canned MT</b>											
	Ketchup	3,658	3,136	17,918	17,752	40,186	2,612	2,206	13,663	12,426	30,568
	Sweet Corn, Canne	15,086	11,805	78,816	67,023	203,469	12,379	9,331	64,418	53,769	167,353
	Tomato Paste	12,976	10,946	57,009	58,853	128,954	8,555	6,775	40,598	38,849	89,320
	Tomato Sauce	4,911	9,607	32,914	44,623	88,108	5,434	8,670	32,437	41,247	84,947
	Other Can Veg	17,546	19,249	103,287	116,541	271,139	23,352	22,667	135,130	138,542	339,901
	Subtotal:----	54,177	54,743	289,945	304,791	731,855	52,332	49,649	286,246	284,834	712,088
<b>Frozen Vegetables MT</b>											
	Frozen French Fry	31,731	31,933	163,560	173,307	396,674	23,039	22,970	121,142	123,541	294,335
	Fzn Swt Corn	5,415	4,866	25,044	32,493	65,202	4,435	4,026	21,634	26,585	56,212
	Other Pot Fzn	2,093	1,366	14,692	9,350	28,798	1,577	1,310	9,686	7,803	20,957
	Other Fzn Veg	4,983	6,607	26,802	30,455	72,443	4,409	6,151	24,815	27,612	65,425
	Subtotal:----	44,222	44,773	230,099	245,605	563,117	33,460	34,457	177,277	185,541	436,929
<b>Veg. Oehyd MT</b>											
	Garlic Oehyd.	768	739	4,690	4,495	11,820	1,808	1,727	10,172	10,377	26,182
	Onions, Oehyd.	2,477	2,143	13,272	13,274	33,170	5,828	4,773	31,337	30,447	77,600
	Potatoes, Oehyd	4,878	3,006	20,399	19,998	49,903	4,616	2,996	20,690	19,522	49,997
	Other Oehyd Veg	5,284	6,436	27,415	33,671	71,944	11,093	12,386	42,453	59,589	114,690
	Subtotal:----	13,407	12,324	65,776	71,439	166,836	23,345	21,882	104,651	119,935	268,469
<b>Tree Nuts MT</b>											
	Almonds, Unshld	1,390	1,322	11,830	13,310	24,735	3,387	3,619	28,621	34,098	63,658
	Pistachio, Unshld	353	1,089	2,834	7,842	5,955	1,608	4,812	12,291	34,120	27,193
	Walnuts, Shld	1,484	1,238	12,186	12,498	23,936	5,226	4,904	42,129	41,306	73,476
	Walnuts, Unshld	293	643	48,645	33,198	57,187	556	1,123	104,199	64,414	121,757
	Other Nuts	5,280	8,964	31,583	53,195	67,140	17,631	22,238	94,653	131,787	190,950
	Almonds, Sh/Prep	10,933	11,309	82,139	82,634	163,576	60,933	43,896	420,505	325,970	816,088
	Subtotal:----	19,732	24,564	189,217	202,676	342,529	89,342	80,593	702,399	631,694	1,293,123
<b>Nusery Products MIXED</b>											
	Cut Flowers	0	0	0	0	0	4,760	3,992	19,861	19,297	49,067
	Other Nursery	0	0	0	0	0	16,825	18,566	69,321	88,708	172,279
	Subtotal:----	0	0	0	0	0	21,585	22,558	89,182	108,004	221,346
<b>Hops &amp; Products MT</b>											
	Hop Extract	283	158	1,672	1,717	3,468	5,025	2,288	28,072	29,066	57,080
	Hop Pellets	983	623	3,534	2,750	6,120	5,273	4,628	17,887	14,617	33,737
	Hops, Nfsp	205	135	1,198	962	1,888	837	656	5,982	5,336	9,644
	Subtotal:----	1,472	916	6,404	5,429	11,477	11,135	7,572	51,940	49,020	100,462
<b>Wine KL</b>											
	Grape Wines	14,108	19,065	68,616	87,162	194,399	26,494	41,499	130,813	169,761	368,160
	Other Wine Prod	1,286	1,255	5,701	7,099	14,294	2,021	1,327	8,153	10,807	22,060
	Subtotal:----	15,393	20,320	74,317	94,261	208,693	28,516	42,826	138,967	180,568	390,220
<b>Miscellaneous MIXED</b>											
	Beer & Beverages	55,335	38,549	270,058	220,427	664,850	34,882	25,691	167,383	147,247	416,546
	Edible Preparatio	18,083	18,406	88,687	93,712	211,356	83,022	64,122	391,627	354,692	933,748
	Essential Oils	3,840	3,660	18,777	17,567	46,266	46,612	40,649	253,674	200,914	619,388
	Ginseng	61	49	684	517	993	4,572	2,551	56,514	33,955	72,001
	Potato Chips	4,492	8,423	23,759	39,406	53,599	13,275	18,405	63,529	89,761	145,451
	Other Misc	0	0	0	0	0	34,801	37,560	187,998	203,134	481,787
	Subtotal:----	81,812	69,087	401,966	371,630	977,065	217,165	188,978	1,120,725	1,029,703	2,668,921
	Grand Total:						807,813	741,751	4,414,066	4,323,843	10,598,216



U.S. Imports of Selected Horticultural Products

Name		Quantity				Values (1000 Dollars)				
Group & Product	Feb	Feb	Oct-Feb	Oct-Feb	Oct-Sep	Feb	Feb	Oct-Feb	Oct-Feb	Oct-Sep
	FY 1997	FY 1998	FY 1997	FY 1998	FY 1997	FY 1997	FY 1998	FY 1997	FY 1998	FY 1997
Fresh Fruit MT										
Apples	5,839	4,376	51,426	39,808	168,564	3,162	2,049	18,748	14,126	82,736
Avocados	836	2,337	19,959	21,322	27,667	832	2,667	18,275	24,337	25,993
Bananas	277,789	324,706	1,472,748	1,589,741	3,727,906	81,883	85,292	432,203	431,838	1,122,747
Cantaloupe	46,907	43,683	146,202	167,524	396,103	15,290	11,125	50,113	45,770	130,376
Grapes	73,993	82,743	173,976	172,974	351,567	61,417	80,540	195,949	179,210	386,183
Kiwifruit	1,183	542	6,666	1,893	37,680	816	712	5,642	2,122	23,524
Mangoes	2,491	2,437	15,354	9,068	191,115	2,715	2,687	14,850	10,285	123,009
Peaches	11,813	0	34,330	6,771	41,672	8,423	0	27,305	6,438	32,901
Pears	24,161	15,752	26,864	17,620	78,521	16,191	10,444	20,777	14,733	50,306
Pineapples	11,514	16,372	59,661	100,622	171,253	4,838	4,424	27,519	36,533	74,441
Strawberry	2,842	2,770	7,063	6,467	15,203	5,400	6,227	13,364	14,460	26,844
Other Melons	36,213	38,884	132,262	149,428	382,903	9,693	13,192	36,797	45,643	96,126
Other Fruit	44,305	47,118	243,420	264,492	572,146	27,141	24,494	137,636	151,633	297,914
Subtotal:----	539,887	581,720	2,389,930	2,547,730	6,162,300	237,801	243,852	999,177	977,126	2,473,098
Dried Fruit MT										
Dried Apricots	934	952	6,226	7,250	11,237	2,736	2,497	17,052	19,041	31,058
Drd Figs & Pst	36	487	1,676	3,649	3,904	46	441	3,680	4,774	5,800
Other Dried Fruit	1,544	1,092	9,867	9,329	26,720	2,452	1,802	17,928	14,461	42,783
Subtotal:----	2,514	2,530	17,769	20,228	41,862	5,234	4,739	38,660	38,275	79,640
Frozen Fruit MT										
Fzn Blueberries	534	668	5,008	4,918	13,177	1,065	1,333	9,896	9,503	26,173
Fzn Strawberries	2,021	2,460	5,036	3,745	22,279	2,007	2,543	4,898	4,245	20,207
Other Fzn Fruit	2,716	1,826	12,165	9,510	35,774	2,979	2,175	14,127	10,660	41,924
Subtotal:----	5,271	4,953	22,209	18,173	71,230	6,052	6,051	28,921	24,407	88,304
Canned/Prep Fruit MT										
Canned Olives	5,162	6,521	28,827	35,949	81,516	12,790	13,709	73,719	77,315	184,250
Canned Oranges	5,286	7,183	18,466	23,163	56,289	5,455	5,811	18,525	19,862	54,784
Canned Peaches	1,645	1,526	15,665	8,809	29,483	1,120	1,003	10,389	5,953	19,709
Canned Pineapples	21,318	21,625	111,442	114,994	292,609	14,608	16,316	77,189	85,567	204,974
Mixed Fruit	3,924	6,705	21,079	25,037	49,307	3,761	6,395	20,160	24,967	51,241
Prep/Pres Fruit	8,785	7,021	40,798	40,725	101,420	10,453	8,532	48,201	48,236	118,537
Other Canned Frui	4,386	3,199	24,824	23,568	69,225	5,403	4,584	31,801	31,397	84,661
Subtotal:----	50,507	53,780	261,102	272,247	679,851	53,591	56,350	279,982	293,297	718,155
Frt&Veg Juice SSE KL										
Apple Juice	74,422	50,722	472,328	385,882	1,084,986	27,284	13,111	162,564	101,166	354,632
Fcoj	92,039	78,719	593,699	455,718	1,099,876	20,274	15,220	132,091	77,358	233,077
Grape Juice	7,531	10,984	62,082	67,858	243,290	3,341	4,449	23,856	28,891	95,051
Pineapple Juice	28,081	19,445	137,155	102,273	303,510	7,582	6,370	38,646	31,875	88,786
Other Juices	15,369	12,350	91,002	92,349	293,196	11,198	7,665	57,244	52,939	167,223
Subtotal:----	217,443	172,219	1,356,266	1,104,079	3,024,858	69,678	46,815	414,402	292,229	938,770
Fresh Vegetables MT										
Garlic	1,557	2,342	3,533	5,308	17,570	2,394	3,338	5,268	7,484	20,661
Asparagus	4,607	7,898	20,533	25,248	38,745	8,958	16,180	36,252	50,966	66,588
Bell Pepper	33,244	31,005	103,533	99,627	180,463	22,626	37,839	110,288	134,549	206,072
Carrots	5,981	8,281	52,581	57,938	99,470	1,409	2,314	11,821	13,783	22,353
Chili Pepper	7,741	8,271	38,792	48,228	103,758	3,035	6,585	15,284	36,573	45,836
Cucumbers	45,439	45,609	190,727	185,746	302,306	12,742	23,619	55,947	76,389	100,823
Onions	28,057	26,666	103,062	89,868	261,088	10,346	14,277	61,649	72,217	127,447
Potatoes	32,799	54,371	139,769	203,466	324,924	5,615	10,136	25,651	39,570	59,301
Squash	23,184	24,317	91,643	93,646	141,192	17,830	17,255	59,049	62,456	87,857
Tomatoes	114,115	104,812	339,521	335,784	743,205	75,152	66,457	228,060	278,378	611,612
Other Fresh Veg	55,021	59,891	204,256	243,361	453,475	33,319	41,331	123,031	164,139	265,485
Subtotal:----	351,746	373,460	1,287,949	1,388,220	2,666,196	193,426	239,330	732,301	936,504	1,614,035

## U.S. Imports of Selected Horticultural Products

Name		Quantity					Values (1000 Dollars)				
		Feb	Feb	Dct-Feb	Dct-Feb	Oct-Sep	Feb	Feb	Oct-Feb	Dct-Feb	Dct-Sep
Group	& Product	FY 1997	FY 1998	FY 1997	FY 1998	FY 1997	FY 1997	FY 1998	FY 1997	FY 1998	FY 1997
Canned/Dehyd Vegetables MT											
	Cnd Artichokes	1,496	1,242	9,596	7,915	29,298	2,368	2,246	15,948	12,410	44,069
	Cnd Bamboo	1,840	1,631	14,118	14,299	27,077	1,597	1,285	12,837	10,994	24,292
	Cnd Mushrooms	5,502	8,111	29,587	27,450	67,258	9,903	11,352	51,841	44,218	118,324
	Cnd Pimiento	667	964	4,161	3,785	9,556	817	1,200	5,235	4,756	11,448
	Cnd Tomatoes	5,380	5,384	28,635	34,445	65,589	2,197	2,712	12,251	16,452	27,979
	Cnd Waterchnuts	3,590	2,594	11,008	13,820	35,531	2,763	1,587	9,987	8,871	27,403
	Tomato Pst & Sauc	2,345	1,634	10,487	7,231	33,659	3,251	2,553	13,106	9,739	41,356
	Dried Mushrooms	220	210	777	813	2,015	1,920	1,766	7,898	8,676	19,411
	Dried Tomatoes	370	256	3,693	2,321	6,924	1,399	931	13,668	8,368	26,265
	Other Dehy Veg	11,842	14,640	68,707	62,174	159,374	12,499	11,559	67,977	61,079	159,001
	Other Can Veg	21,158	25,610	102,223	122,659	244,159	17,953	19,745	90,142	104,442	214,284
	Subtotal:----	54,409	62,276	282,992	296,912	680,441	56,667	56,936	300,889	290,006	713,831
Frozen Vegetables MT											
	Broccoli Fzn	16,855	13,457	75,489	71,995	169,458	10,399	8,895	47,800	45,994	106,080
	Cauliflower Fzn	1,155	1,608	13,462	18,667	18,729	852	1,362	10,134	13,483	14,060
	Potato Fzn	21,824	30,358	112,799	151,354	286,808	13,389	18,478	68,237	92,857	169,323
	Other Veg Fzn	12,737	13,654	65,923	68,197	222,015	10,088	11,958	53,050	57,313	129,143
	Subtotal:----	52,570	59,078	267,672	310,213	697,010	34,728	40,693	179,222	209,647	418,606
Tree Nuts MT											
	Brazils Tot	148	206	2,470	3,611	10,404	482	680	7,656	11,651	23,656
	Cashews Tot	5,396	5,320	24,959	31,137	62,669	24,937	23,907	117,245	142,083	292,315
	Coconut	2,551	3,074	16,732	16,872	39,782	2,270	2,025	15,025	11,802	34,791
	Pecans	1,320	2,941	17,415	17,087	19,909	2,772	8,605	26,345	42,532	39,667
	Dther Nuts	1,588	860	10,545	11,110	18,167	6,907	6,164	43,366	49,196	78,070
	Subtotal:----	11,003	12,401	72,120	79,816	150,931	37,369	41,381	209,637	257,265	468,499
Nursey Products MIXED											
	Carnations	109,639	90,005	552,867	518,916	1,211,423	10,405	9,398	50,081	54,320	115,014
	Christmas Trees	0	0	2,258	2,581	2,260	0	0	20,220	22,172	20,227
	Chrysanthemus	49,052	52,454	274,014	262,872	614,707	6,441	7,205	37,868	39,976	91,126
	Roses	152,651	154,731	410,847	498,602	919,298	39,915	43,791	89,086	122,904	200,957
	Tulip Bulbs	38	6	84,421	84,167	426,485	12	5	10,019	9,533	41,993
	Other Cut Flowers	0	0	0	0	0	20,543	22,706	78,890	90,004	186,894
	Other Nursey Prod	0	0	0	0	0	26,308	28,651	124,266	135,492	298,973
	Subtotal:----	311,381	297,195	1,324,408	1,367,139	3,174,174	103,624	111,755	410,430	474,401	955,183
Hops & Products MT											
	Hops & Pellets	813	695	4,024	2,372	5,606	5,854	4,269	29,017	13,896	37,836
	Other Hop Prod	93	2	152	97	187	527	8	1,087	610	1,339
	Subtotal:----	906	697	4,177	2,469	5,793	6,381	4,278	30,103	14,506	39,175
Wine KL											
	Red Wine	10,736	12,723	68,078	85,238	181,724	39,641	51,443	260,652	327,832	682,741
	Sparkiling Wine	1,033	1,266	16,082	17,374	30,293	15,268	21,401	168,603	193,446	336,614
	White Wine	6,895	7,980	46,943	54,087	116,091	24,331	25,950	166,002	190,149	411,457
	Dther Wine Prod	6,284	3,930	31,211	33,113	104,101	13,074	9,517	75,574	79,615	198,476
	Subtotal:----	24,949	25,899	162,313	189,812	432,208	92,315	108,311	670,831	791,041	1,629,287
Miscellaneous MIXED											
	Beer & Beverages	112,149	134,647	590,338	678,170	1,734,830	96,830	116,080	522,441	593,454	1,511,285
	Dther Misc	0	0	0	0	0	110,210	119,738	567,853	668,700	1,402,504
	Subtotal:----	112,149	134,647	590,338	678,170	1,734,830	207,040	235,819	1,090,294	1,262,154	2,913,790
	Grand Total:						1,103,907	1,196,311	5,384,851	5,860,859	13,050,374

## **WORLD TRADE SITUATION AND POLICY UPDATES**

### **Israel imposes new tax on apple and pear imports**

The Government of Israel (GOI) recently began to impose its value-added tax (VAT) of 17-20 percent on imported U.S. apples and pears, even though domestically grown fruit is exempt, according to the Agricultural Affairs Office in Tel Aviv. The VAT is being assessed in addition to out-of-quota tariff rates on apples and pears as provided in the U.S.-Israel Free Trade Agreement. According to Israeli Customs officials, the recent imposition of VAT on all imported goods rectifies a previous misinterpretation of the VAT law. Israeli importers may, however, apply for reimbursement of the VAT from the GOI, but the waiting period can range from a week to 2 months.

The VAT, once paid by the importer, is not transferred to the wholesaler, distributor, or retailer. The importer is reportedly reimbursed by the government when he submits his periodic VAT report and presents proof of having paid the tax. This situation is causing an additional financing cost to the importer while he waits for his VAT outlays to be recovered. It is expected that the VAT could eventually be imposed on all fresh produce imports. FAS/Tel Aviv and FAS/Washington are working together in trying to resolve this new barrier to trade.

The U.S.-Israel Agreement on Trade in Agricultural Products, which was implemented December 4, 1996, established an initial duty-free quota for apples of 1,600 metric tons (MT). This quota increases 3 percent each year of the agreement and reaches 1,885 MT by year 2001. The out-of-quota tariff for U.S. apples, which benefits from a 10 percent reduction from Israel's MFN level, is equivalent to about 18 percent ad valorem in 1998. U.S. apple exports to Israel in CY 1997 reached 5,269 metric tons, valued at \$4 million.

The Agreement also established an initial seasonal (November to May) duty-free quota for pears of 750 metric tons. This quota increases 4 percent each year of the agreement and reaches 912 MT by year 2001. The out-of-quota tariff for U.S. pears, which also benefits from a 10 percent reduction from Israel's MFN level, is equivalent to about 18 percent ad valorem in 1998. U.S. pear exports to Israel in CY 1997 reached 1,266 metric tons, valued at \$1 million.

### **Settlement reached on U.S./Mexico apple anti-dumping dispute**

Representatives from the U.S. apple industry, meeting the week of March 16-20 with officials from Mexico's Secretariat of Commerce and Industrial Development (SECOFI), successfully negotiated a suspension agreement. Effective March 20, the 101.1 percent anti-dumping duty on U.S. Red and Golden Delicious apples, which had been in place since September 1, 1997, is discontinued.

Under the terms of the agreement, all U.S. shipments of Red and Golden Delicious apples to Mexico must comply with a minimum FOB price of \$13.72 per standard 42-pound box. For bagged or bulk apples, an equivalent FOB price of 32.67 cents per pound is in effect. These minimum prices agreed upon were based on three-year averaged (crop years 1995/96, 1996/97, and 1997/98 through March 16) FOB prices of those two varieties, as reported by the Washington Growers Clearing House Association. This minimum price remains in effect through October 31, 1999. The agreement is for five years (or through 2003) and calls for the minimum price to be adjusted every November 1 to reflect the average of the preceding three crop years.

On September 1, 1997, SECOFI imposed a preliminary anti-dumping duty of 101.1 percent on U.S. Red and Golden Delicious apples. This duty significantly limited sales to what had been a leading export market for Pacific



Northwest apples. In the five months following the imposition of the punitive duty (September 1997-January 1998), U.S. apple exports to Mexico totaled 4,597 MT (\$2.6 million), compared to 17,711 MT (\$8.7 million) for the comparable period in the preceding year.

### **Counterfeit apples situation in Taiwan resolved**

The fraudulent marketing of Chinese apples in Taiwan as U.S. apples appears to have ceased, according to a report from the Agricultural Trade Officer in Taipei. This development comes following expressions of concern from USDA officials and objections of trademark infringement by attorneys representing the Washington Apple Commission. Taiwan authorities have reportedly inspected wholesale markets and have confiscated undisclosed volumes of mislabeled apples. What follow-up action Taiwan Customs has taken against the importer (or importers) of the counterfeit apples is not known at this time.

The actions taken by Taiwan authorities, combined with the end of Chinese New Year festivities and the termination of the Chinese apple season, have effectively stopped the marketing of counterfeit apples on Taiwan. The issue was covered extensively in the press, both in the United States and Taiwan is a leading market for U.S. apples, with exports in CY1997 valued at nearly \$77 million.

### **USDA efforts to open Thailand to Arizona and Texas citrus dealt setback**

Significant obstacles remain in the path of U.S. efforts to gain market access for citrus produced in the states of Arizona and Texas. On February 26, Thailand's Minister of Agriculture and Cooperatives so informed the U.S. Ambassador, according to a report from AgBangkok. This unfortunate development follows months of effort by USDA and industry

to add the two states to list of eligible exporting states, which presently includes California and Florida. FAS's Administrator raised the issue during a recent visit to Bangkok and the U.S. Ambassador subsequently intervened in pressing for a prompt resolution.

In response, the Thai government has indicated that several outstanding technical issues remain to be addressed for Texas, mainly involving concerns over fruit flies. While noting that the technical issues relating to Arizona have been resolved, the Minister has stated that the matter is now under review to assess the "economic, social, and environmental impacts" of permitting access, a process that could take "some time."

Thailand's market first opened to California and Florida citrus in 1995, with commercial shipments commencing in early 1996. Shipments thus far have been modest, but are growing at a promising rate. Industry groups remain optimistic that, through market development efforts and Uruguay Round-based tariff reductions, Thailand will emerge as a \$5-10 million market for U.S. citrus within the next several years.

### **U.S. french fry exports to benefit from modified Canadian packaging requirements**

The Canadian Food Inspection Agency published on March 7, 1998 the long awaited proposed amendment to Canada's Processed Products Regulations regarding container sizes for frozen french fries, according to a report from the Agriculture Minister-Counselor's office in Ottawa. A 30-day comment period commenced on the date of publication.

The amendment establishes new approved container sizes for frozen french fries that will accommodate the common container size used in the United States. While a metric declaration is mandatory, other equivalent units of measurement are permitted. Of particular note,



the onerous 500 gram metric multiple labeling rule would no longer apply.

Once enacted, the new rules should benefit U.S. french fry exporters. U.S. exports of frozen french fries to Canada in CY1997 were valued at \$18.4 million, up from \$11.5 million in the preceding year. Meanwhile, U.S. imports of frozen french fries from Canada in 1997 topped \$172 million.

### **Australia to permit imports of California sweet cherries under treatment**

The Australian Quarantine Inspection Service (AQIS) has informed APHIS that it will permit access for sweet cherries produced in 12 California counties, subject to the application of a mandatory methyl bromide fumigation treatment. The counties covered by the action are Contra Costa, Fresno, Kern, Kings, Madera, Merced, Sacramento, San Benito, San Joaquin, Santa Clara, Stanislaus, and Tulare. Industry sources estimate near-term market potential in Australia at \$1 million annually.

Australia had previously permitted access only under a systems approach (no fumigation required) for cherries produced in San Joaquin County. However, after experiencing significant pest-related problems under that program, the two sides agreed to replace the systems approach with a treatment regimen, thereby effectively opening access to the other 11 counties. APHIS is presently seeking clarification on several of AQIS's specified entry conditions, but anticipates being able to satisfy the requirements.

While the opening for cherries represents a positive development, Australia continues to deny access to a range of U.S. fruits on phytosanitary grounds, among them Florida citrus, table grapes, stone fruit, apples, and pears. Efforts to address these restrictions are ongoing. Industry estimates place the value of annual lost sales resulting from these restrictions at about \$50 million.

### **The Horticultural and Tropical Products Division announces new internet homepage**

The information contained in this publication, as well as other useful information on horticultural commodities can now be found on the new Horticultural and Tropical Products Division's homepage. You may access the homepage at the following address:

<http://www.fas.usda.gov/http/>

## **EXPORT NEWS AND OPPORTUNITIES**

### **U.S. exports of fresh watermelons in 1997 reach record for fifth consecutive year**

U.S. exports of fresh watermelons in calendar year 1997 totaled 122,000 metric tons valued at almost \$33 million, up 5 percent in volume and 7 percent in value from the previous year. Canada, the leading U.S. customer, accounted for 95 percent of total U.S. exports in 1997, followed by shipments of 2,000 tons to Venezuela and 1,500 tons to India that accounted for 3 percent of the remaining balance. Traditional, but smaller buyers of U.S. fresh watermelons, included Russian Federation, Bermuda, and Mexico, jointly accounted for about 1 percent of the total. The United States supplies nearly 90 percent of the Canadian watermelon import market. According to the National Watermelon Promotional Board, Canadian retailers prefer smaller type watermelons ranging from 14 to 18 pounds in size which can be sold to consumers at lower prices, with U.S. retailers preferring medium to large sized melons ranging from 19 to 24 pounds.

### **USDA establishes horticultural allocation for Korea GSM-102; various programs to include horticultural products and increase operational credit guarantees**

On April 24, Secretary Glickman established a separate \$10-million allocation of credit guarantees available for the sale of U.S. horticultural products to Korea under the GSM-102 program. This announcement reflects a mutually agreed upon commodity level negotiated with the Korean government. Previously, horticultural products and meats were eligible products under the Korea GSM-102 allocation for "other products." However, the new \$10-million allocation makes available credit guarantees exclusively for horticultural products. The following horticultural products are eligible under the Korea GSM-102 program: dried fruit, fresh fruit, potatoes and tree nuts.

The new commodity allocation will continue to provide credit guarantees to help ensure that Korea remains a key market for U.S. horticultural exports. In fiscal year 1998, the United States Department of Agriculture (USDA) has allocated \$1.5 billion in credit

guarantees for the sales of all U.S. agricultural products to Korea, including horticultural products.

On March 26, the USDA increased by \$60 million the amount of operational credit guarantees available to U.S. exporters in connection with the sales of previously announced U.S. agricultural commodities under the Central America Region GSM-102 program. Various horticultural products are eligible under the Central America Region GSM-102 program. The region includes Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and Panama. The total 1998 authorization for coverage to the Central America Region program remains unchanged at \$110 million and is now fully allocated.

On March 4, USDA also amended the allocation of GSM-102 coverage for sales of U.S. agricultural commodities to Indonesia to include as eligible banks any bank in Singapore approved by the Commodity Credit Corporation.

On March 2, USDA amended the allocation of credit guarantees available for sales of U.S. agricultural commodities to the Philippines under the GSM-102 program. Potatoes (cut and chilled or frozen; flakes; granules) are now eligible under the Philippines GSM-102 program. The total 1998 authorization for coverage to the Philippines under GSM-102 remains unchanged at \$100 million.

On February 18, USDA amended the Thailand GSM-102 program to include fresh fruit as an eligible commodity. Eligible fresh fruit include apples, apricots, avocados, blueberries, cherries, grapes, grapefruit, kiwi, lemons, melons, nectarines, oranges, pears, plums, peaches, raspberries, strawberries, and tangerines.

On February 17, USDA increased by \$500 million the amount of operational credit guarantees available to U.S. exporters in connection with sales of previously announced U.S. agricultural commodities to Mexico under the GSM-102 program. The total fiscal year 1998 authorization for coverage to Mexico under GSM-102 remains unchanged at \$1.26 billion, with \$1.0 billion allocated and \$260 million unallocated.

All other terms and conditions previously announced, for the aforementioned programs,

remain the same.

The GSM-102 program makes available financing for the sales of U.S. agricultural commodities overseas. USDA does not provide financing, but guarantees payments due from foreign banks. USDA typically guarantees 98 percent of the principal and a portion of the interest. The GSM-102 program covers credit terms from 90 days to 3 years.

Under the program, once a firm sale exists, the qualified U.S. exporter applies for a payment guarantee before the date of export. The U.S. exporter pays a fee calculated on the dollar amount guaranteed, based on a schedule of rates applicable to different lengths of credit periods. The CCC-approved foreign bank issues a dollar-denominated, irrevocable letter of credit in favor of the U.S. exporter, ordinarily advised or confirmed by the financial institution in the United States agreeing to extend credit to the foreign bank. The U.S. exporter may negotiate an arrangement to be paid as exports occur by assigning the U.S. financial institution the right to proceeds that may become payable under the guarantee, and later presenting required documents to that financial institution. Such documents normally include a copy of the export report.

If a foreign bank fails to make any payment as agreed, the exporter or the assignee may file a claim with USDA for the amounts due and covered by the guarantee. USDA will pay the U.S. bank and will take on the responsibility of collecting the overdue amount from the foreign bank.

The table on page 14 presents FY 1998 GSM-102 programs for which USDA has authorized credit guarantees for sales of U.S. horticultural products as of April 10, 1998. Additional information about the GSM-102 program, regulations, country specific press releases and program announcements, and a Monthly Summary of Export Credit Guarantee Program Activity may be accessed on the Internet at:

<http://www.fas.usda.gov/excredits/exp-cred-guar.html>

### **USDA amends Southeast Asia and Baltic Region Supplier Credit Guarantee Programs**

On March 13, USDA amended the allocation of

credit guarantees previously available for sales of U.S. agricultural commodities to the Southeast Asia Region Supplier Credit Guarantee Program (SCGP) to include South Korea as an eligible destination. Various horticultural products are eligible under the Southeast Asia SCGP. The total allocation for the Southeast Asia SCGP remains unchanged at \$50 million.

On March 4, USDA amended the allocation of credit guarantees for sales of U.S. agricultural commodities to the Baltic Region SCGP. Beer and fruit juices are now eligible commodities under the Baltic Region SCGP. The Baltic Region includes Estonia, Latvia, and Lithuania.

All other terms and conditions previously announced, for the aforementioned programs, remain the same.

The Supplier Credit Guarantee Program (SCGP) is unique because it covers short-term financing extended directly by U.S. exporters to foreign buyers and requires that the importers sign a promissory note in case of default on the CCC-backed payment guarantee. The SCGP emphasizes high-value and value-added products, but may include commodities or products that also have been programmed under the GSM-102 program.

The table on page 15 presents the FY 1998 SCGPs for which USDA has authorized credit guarantees for sales of U.S. horticultural products as of April 10, 1998. Additional information about the SCGP, regulations, country specific press releases and program announcements, and a Monthly Summary of Export Credit Guarantee Program Activity may be accessed on the Internet at:

<http://www.fas.usda.gov/excredits/scgp.html>

Note: The GSM will consider requests to establish a SCGP and/or GSM Program for a country or region or amend an authorized program to include horticultural commodities and products which are currently not eligible.

For further information on the SCGP or GSM-102 Program for horticultural commodities, contact Yvette Wedderburn Bomersheim, 202-720-9903).



# FY 1998 GSM-102 CREDIT GUARANTEE COVERAGE 1/

Country	Announced Allocation (In Millions of Dollars)
ANDEAN REGION 2/	200.0
ARGENTINA	16.0
BALTIC REGION	15.0
BRAZIL	90.0
CAUCASUS REGION 3/	10.0
CENTRAL AMERICA REGION 4/	50.0
CENTRAL EUROPE REGION 5/	10.0
CHINA	100.0
EAST AFRICA REGION 6/	35.0
EAST CARIBBEAN	60.0
EGYPT	100.0
INDIA	20.0
INDONESIA	400.0
KAZAKSTAN	5.0
KOREA	1,000.0
MALAYSIA	100.0
MEXICO	1,000.0
PHILIPPINES	100.0
POLAND	25.0
RUSSIA	95.0
SOUTHEAST EUROPE REGION 7/	25.0
SOUTHERN AFRICA REGION 8/	50.0
THAILAND	300.0
TUNISIA	30.0
TURKEY	250.0

1/Coverage is detailed in FAS Program Announcements for all commodities, including those not listed as of April 10, 1998. FAS news releases are available on the Internet at <http://www.fas.usda.gov/excredits/exp-cred-guar.html>  
2/Bolivia, Chile, Colombia, Ecuador, Peru and Venezuela. 3/Azerbaijan, Georgia, and Armenia. 4/Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and Panama. 5/Czech Republic, Hungary, and Slovakia. 6/Kenya, Uganda, and Tanzania. 7/Bosnia, Croatia, and Slovenia. 8/Angola, Botswana, Burundi, Lesotho, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Rwanda, Seychelles, South Africa, Swaziland, Democratic Republic of the Congo (formerly Zaire), Zambia, and Zimbabwe.



## FY 1998 SUPPLIER CREDIT COVERAGE 1/

Country/Commodity	Announced Allocation (In Millions of Dollars)
ANDEAN REGION 2/	10.0
ARGENTINA	3.0
BALTIC REGION 3/	5.0
BRAZIL	10.0
CENTRAL AMERICA REGION 4/	5.0
CENTRAL EUROPE REGION 5/	20.0
ISRAEL	20.0
JAMAICA	5.0
KAZAKSTAN	5.0
MEXICO	120.0
POLAND	10.0
SOUTHEAST ASIA REGION 6/	50.0
SOUTHEAST EUROPE REGION 7/	20.0
TURKEY	5.0

1/Coverage is detailed in FAS Program Announcements for all commodities, including those not listed as of April 10, 1998. FAS news releases are available on the Internet at <http://www.fas.usda.gov/excredits/scgp.html>. 2/Bolivia, Chile, Colombia, Ecuador, and Peru. 3/Estonia, Latvia, and Lithuania. 4/Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and Panama. 5/Czech Republic, Hungary, and Slovakia. 6/Indonesia, Korea, Malaysia, Philippines, Singapore, and Thailand. 7/Croatia and Slovenia.

## Outlook for Concentrated Apple Juice Production and Trade in Selected Countries

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Production of concentrated apple juice (CAJ) in selected countries in 1997/98 is forecast at about 660,000 tons (70/71 degrees brix), practically unchanged from the previous season's output. On the other hand, production in the United States, the world's largest CAJ producer, is forecast at 150,000 tons, 12 percent above the 1996/97 output. Increased apple crops in some major processing states, such as Michigan, California, and New York, will likely boost overall U.S. apple juice production in 1997/98. Selected country CAJ exports in 1997/98 are forecast at about 555,000 tons, 3 percent above last season's shipments. Germany and Argentina are expected to account for most of the increase in exports. U.S. CAJ imports in 1997/98 are forecast to decrease 14 percent to 185,000 tons. Increased U.S. CAJ production and flattening domestic demand have reduced U.S. CAJ import prospects in 1997/98.

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### Northern Hemisphere

#### *U.S. CAJ production in 1997/98 forecast to increase; imports likely to decline*

U.S. CAJ production in 1997/98 is forecast at 150,000 tons, up 12 percent from the 1996/97 output. Increased apple crops in some major processing states, such as Michigan, California, and New York will likely boost overall U.S. CAJ output in 1997/98. Apples for processing are forecast to increase 51 percent in Michigan, 6 percent in California, and 16 percent in New York in 1997/98. Normally, between 40 to 45 percent of Michigan's apples for processing are directed to the juice and cider industries. This is compared to about 70 percent in California and 40 percent in New York. In fact, most U.S. apples produced in eastern states are destined to the processing sector (e.g., canned, juices, ciders). Apples from the West, except California, go mainly to the fresh domestic and export markets.

U.S. CAJ imports in 1997/98 are forecast at 185,000 tons, down 12 percent from last season. Increased domestic production and flattening domestic consumption are expected to slow U.S. CAJ imports in 1997/98.

However, U.S. CAJ imports from China are expected to continue to increase in 1997/98. Imports from July 1997 through February 1998 are running close to 50 percent ahead, compared to the same period last season.

In recent years, China has risen as a major world apple juice producer and has become a significant supplier to the U.S. market. U.S. imports of Chinese CAJ in 1996/97 totaled 11,327 tons, nearly 5 times more than the 2,316 tons imported in 1995/96. Lower Chinese CAJ prices have been a decisive factor in increasing China's CAJ share in the U.S. market. China's processing apple industry will likely continue to expand, boosted by increased foreign investment.

U.S. CAJ exports in 1997/98 are forecast to decrease for the second consecutive season to 8,000 tons, 22 percent below 1996/97 shipments. Major customers will likely continue to be Canada and Japan.

### ***U.S. government proposes new juice safety regulations***

The U.S. Food and Drug Administration (FDA) has proposed two new regulations designed to improve the safety of both fresh and processed fruit and vegetable juices. The agency's plan follows several outbreaks of illness in recent years from pathogenic microbes in fresh juice products, including the 1996 episode when apple juice contaminated with *E. coli* O157:H7 bacteria caused one death and widespread illness in some western states and Canada.

The first proposed regulation would require processors of packaged fruit and vegetable juices, both domestic and foreign, to implement hazard control programs at their plants to prevent microbiological, chemical, and physical contamination of their products. Part of this proposal would require manufacturers of unpasteurized juices to adjust their processes to achieve a 100,000-fold reduction in the numbers of harmful microbes in their finished products compared to levels that may be present in untreated juice. The second proposed regulation would require warning labels on all packaged juice products that have not been pasteurized or otherwise treated to eliminate harmful microbes.

Under the proposed FDA rules, all appropriate U.S. juice processing plants would be required to adopt their own Hazard Analysis and Critical Control Point (HACCP) safety programs. HACCP is a science-based system designed to prevent food safety hazards in food products through appropriate controls during production and processing. HACCP plans identify critical control points at which specific safeguards (e.g., pasteurization) can be implemented to reduce, prevent or eliminate food safety hazards. The HACCP regulation would apply to juice manufacturers that sell products in the United States. Once the HACCP regulation is finalized, implementation would allow a year for large manufacturers, two years for small businesses, and three years for very small businesses. It is expected that the new FDA measures would affect only a small number of producers because more than 98 percent of all U.S. fruit and vegetable juices are pasteurized.

The proposed regulations were published on April 21, 1998 for public review. Comments should be submitted no later than 75 days from the day of publication for the HACCP proposal and no later than 30 days on the labeling proposal. Comments should be addressed to FDA's Dockets Management Branch, HFA-305, Food and Drug Administration, 12410 Parklawn Drive, Room 1-23, Rockville, Md. 20857. The U.S. government expects to finalize the labeling provision in time for the apple harvest season this fall.

### ***Germany continues to dominate world CAJ trade***

Germany is the world largest trader of concentrated apple juice (CAJ), accounting for about 45 percent of world imports and 20 percent of exports. Moreover, the German apple juice industry depends heavily on imports of apple juice concentrates for further processing to support its exports and domestic consumption. German CAJ imports in 1997/98 are forecast at 210,000 tons, up 2 percent from 1996/97. Poland and Italy are by far the most important suppliers of CAJ to the German processors and bottlers. Poland holds an import market share of around 25 percent and Italy about 15 percent. Other major suppliers to Germany are Turkey, Moldova, and the Czech Republic.

German CAJ exports in 1997/98 are forecast at 110,000 tons, 16 percent above shipments in 1996/97. The United States remains the largest single market for German CAJ exports. In 1996/97, Germany exported a record 43,000 tons of CAJ to the United States. The increase was due to a more favorable U.S. Dollar/German Mark exchange rate, which made German CAJ product more price competitive with those from Southern Hemisphere countries. However, German CAJ exports to the United States are expected to decline in 1997/98. Larger U.S. CAJ supplies and a stronger U.S. dollar vis-a-vis the German Mark have slowed German CAJ shipments to the United States this season.



### ***Polish CAJ production and exports in 1997/98 flat***

Poland is the world's second largest CAJ producer and exporter. Poland's production and exports of CAJ in 1997/98 are forecast to remain at the 1996/97 level based on a similar apple crop size and continued strong demand from major customers, such as Germany. Most Polish CAJ production is exported (about 95 percent) to neighboring countries. Germany is by far the leading customer accounting for more than 80 percent of total Polish CAJ exports in 1996/97. Traditionally, most Polish CAJ exported to Germany is reprocessed and re-exported to the United States. Poland's exports of CAJ to the United States in 1996/97 increased to 1,108 tons from 647 tons shipped in 1995/96. Polish CAJ exports to the United States in 1997/98, however, are expected to decrease. Polish CAJ has high acidity (more than 3 percent), while most U.S. importers prefer lower acidity levels between 2-2.5 percent.

### **Southern Hemisphere**

#### ***Argentina's CAJ production down but exports forecast at a record level in 1997/98***

Argentina production of CAJ in 1997/98 is forecast at 72,000 tons, down 2 percent from 1996/97. Less apples are expected to be processed this season due to larger CAJ stocks, lower CAJ international prices, improved prices for fresh apple exports, and expected higher fresh domestic demand. Argentina, which is the leading CAJ producer in the Southern Hemisphere, processes the apples that cannot be sold to the fresh domestic or export markets. An estimated 79 percent of Argentina's processed apples go to CAJ, 16 percent for cider, and 5 percent dried or processed into jams, vinegar, and other products. There are 17 apple processing plants in Argentina, which operate year round. However, 80 percent of the processing is done February-May and 20 percent during the rest of the year from cold-storage fruit. Rio Negro and Neuquen are the major Argentine CAJ producing provinces.

Argentina is the third largest CAJ exporter for selected countries following Germany and Poland. Exports of CAJ in 1997/98 are forecast to increase to a record 75,000 tons, because of higher CAJ supplies and continued strong U.S. demand. U.S. imports of Argentine CAJ from July 1997 through February 1998 are running close to 80 percent ahead the same period last season. The United States is Argentina's major CAJ market, accounting for more than 90 percent of total shipments. Recently, Japan ranks as the second main destination for Argentine CAJ.

#### ***Chile's CAJ exports in 1997/98 will likely decrease***

Expected flattening world demand and low international prices will likely reduce Chile's CAJ production and exports in 1997/98. Chilean CAJ production in 1997/98 is forecast at 36,700 tons, down 2 percent from 1996/97 output. Traditionally, apples not suitable for the fresh export market, are processed into apple juice. But as the processing market has become increasingly saturated with supplies from large apple crops, industry buyers have started to place increased attention on the quality of the input product. The industry wants additional sour type apples to blend with the Red Delicious varieties, of which there are abundant supplies in Chile's major production areas.

Chile's CAJ exports in 1997/98 are forecast to decrease 11 percent to 33,000 tons. The United States is Chile's largest CAJ export market (accounting for more than 70 percent of total export sales), although the importance of other markets, such as Japan, Canada, and Australia has been increasing. Only small amounts of CAJ are consumed domestically, principally single-strength type.

***(For further information on supply, distribution, and trade, contact Samuel Rosa at (202) 720-6086)***



**CONCENTRATED APPLE JUICE: PRODUCTION, SUPPLY, AND UTILIZATION  
IN SELECTED COUNTRIES  
(METRIC TONS AT 70/71 DEGREES BRUX)**

Country/ Mkting Year	1/ Stocks	Beginning Stocks	Production	Imports	Total Supply	Exports	Domestic Consumption	Ending Stocks
<b>NORTHERN HEMISPHERE COUNTRIES</b>								
<b>Austria</b>								
1995/96		25,600	11,500	19,000	56,100	33,000	8,000	15,100
1996/97		15,100	12,500	25,400	53,000	36,000	7,800	9,200
1997/98	F	9,200	17,200	27,000	53,400	38,000	7,600	7,800
<b>Bulgaria</b>								
1995/96		10	2,346	130	2,486	1,748	728	10
1996/97		10	6,511	22	6,543	5,523	1,000	20
1997/98	F	20	5,000	30	5,050	3,730	1,300	20
<b>France</b>								
1995/96		0	15,000	5,000	20,000	8,500	11,500	0
1996/97		0	15,000	5,000	20,000	8,500	11,500	0
1997/98	F	0	16,000	5,000	21,000	8,500	12,500	0
<b>Germany</b>								
1995/96		181,286	69,901	210,000	461,187	120,000	154,464	186,723
1996/97		186,723	67,199	206,520	460,442	94,713	160,100	205,629
1997/98	F	205,629	67,000	210,000	482,629	110,000	170,000	202,629
<b>Hungary</b>								
1995/96		0	40,000	6,100	46,100	36,000	10,100	0
1996/97		0	52,000	3,000	55,000	42,000	13,000	0
1997/98	F	0	48,000	5,000	53,000	40,000	13,000	0
<b>Italy</b>								
1995/96		1,000	45,000	14,000	60,000	55,000	4,000	1,000
1996/97		1,000	47,000	24,000	72,000	68,000	4,000	0
1997/98	F	0	42,000	30,000	72,000	68,000	4,000	0
<b>Mexico</b>								
1995/96		0	8,200	800	9,000	6,000	3,000	0
1996/97		0	7,500	4,000	11,500	8,000	3,500	0
1997/98	F	0	7,000	5,000	12,000	8,500	3,500	0
<b>Poland</b>								
1995/96		0	88,000	90	88,090	85,165	2,925	0
1996/97		0	115,000	0	115,000	103,787	11,213	0
1997/98	F	0	115,000	0	115,000	103,000	12,000	0
<b>Serbia and Montenegro</b>								
1995/96		150	4,200	0	4,350	2,400	1,800	150
1996/97		150	4,300	0	4,450	2,500	1,750	200
1997/98	F	200	4,750	0	4,950	3,000	1,800	150
<b>Slovakia</b>								
1995/96		400	1,900	700	3,000	400	2,300	300
1996/97		300	2,100	500	2,900	400	2,300	200
1997/98	F	200	2,100	500	2,800	300	2,300	200
<b>Spain</b>								
1995/96		0	15,600	4,800	20,400	14,950	5,450	0
1996/97		0	17,200	5,500	22,700	17,800	4,900	0
1997/98	F	0	16,200	5,000	21,200	15,300	5,900	0

**CONCENTRATED APPLE JUICE: PRODUCTION, SUPPLY, AND UTILIZATION  
IN SELECTED COUNTRIES  
(METRIC TONS AT 70/71 DEGREES BRIX)**

Country/ Mkting Year	Beginning Stocks	Production	Imports	Total Supply	Exports	Domestic Consumption	Ending Stocks
<b>United States 2/</b>							
1995/96	0	156,150	161,599	317,749	11,413	306,336	0
1996/97	0	134,409	214,293	348,702	10,283	338,419	0
1997/98 F	0	150,000	185,000	335,000	8,000	327,000	0
<b>SUBTOTAL NORTHERN HEMISPHERE COUNTRIES</b>							
1995/96	208,446	457,797	422,219	1,088,462	374,576	510,603	203,283
1996/97	203,283	480,719	488,235	1,172,237	397,506	559,482	215,249
1997/98 F	215,249	490,250	472,530	1,178,029	406,330	560,900	210,799
<b>SOUTHERN HEMISPHERE COUNTRIES</b>							
<b>Argentina</b>							
1995/96	385	64,400	1,887	66,672	63,958	2,714	0
1996/97	0	75,200	500	75,700	63,000	2,900	9,800
1997/98 F	9,800	72,000	300	82,100	75,000	3,000	4,100
<b>Australia</b>							
1995/96	0	10,500	2,000	12,500	1,229	11,271	0
1996/97	0	15,400	2,056	17,456	1,100	16,356	0
1997/98 F	0	10,500	2,000	12,500	1,100	11,400	0
<b>Chile</b>							
1995/96	540	31,400	0	31,940	30,940	500	500
1996/97	500	37,400	0	37,900	37,000	500	400
1997/98 F	400	36,700	0	37,100	33,000	500	3,600
<b>New Zealand</b>							
1995/96	0	16,558	410	16,968	13,968	3,000	0
1996/97	0	23,577	400	23,977	20,877	3,100	0
1997/98 F	0	23,300	400	23,700	20,700	3,000	0
<b>South Africa, Republic of</b>							
1995/96	0	30,740	0	30,740	21,000	9,740	0
1996/97	0	26,400	0	26,400	16,914	9,486	0
1997/98 F	0	27,047	0	27,047	17,923	9,124	0
<b>SUBTOTAL SOUTHERN HEMISPHERE COUNTRIES</b>							
1995/96	925	153,598	4,297	158,820	131,095	27,225	500
1996/97	500	177,977	2,956	181,433	138,891	32,342	10,200
1997/98 F	10,200	169,547	2,700	182,447	147,723	27,024	7,700
<b>TOTAL WORLD</b>							
1995/96	209,371	611,395	426,516	1,247,282	505,671	537,828	203,783
1996/97	203,783	658,696	491,191	1,353,670	536,397	591,824	225,449
1997/98 F	225,449	659,797	475,230	1,360,476	554,053	587,924	218,499

1/ Northern Hemisphere marketing years are July-June for all countries except Italy and Mexico where the marketing year is January-December. Southern Hemisphere marketing year is January-December except New Zealand where marketing year is October-September.

2/ U.S. stock figures not available. U.S. CAJ production estimated using fresh apple production data and proportion of fresh crop that is juiced (concentrate and single-strength). U.S. exports and imports from U.S. Dept. of Commerce, with 1997/98 forecast based on trends to date (through February 28, 1998).

Source: U.S. trade data from U.S. Dept. of Commerce, Bureau of Census; USDA Attache reports and USDA/FAS estimates.

**U.S. Concentrated Apple Juice Imports**  
**Complete Marketing Years 1994/95-1996/97 1/**  
**and 1996/97-1997/98, July-February Comparisons**  
**(Metric tons, 70/71 Degrees Brix)**

Region/ Country	1994/ 95	1995/ 96	1996/ 97	July-February	July-February
				1996/ 97	1997/ 98
<b>North America</b>					
Canada	1,702	3,662	2,662	1,854	2,582
Mexico	6,931	3,458	3,752	2,580	3,161
Subtotal	8,632	7,120	6,414	4,434	5,743
<b>South America</b>					
Argentina	64,809	60,540	53,616	22,949	41,006
Brazil	3,094	6,370	4,798	686	2,171
Chile	10,682	16,653	21,370	14,949	15,386
Other	272	3	1	1	190
Subtotal	78,856	83,565	79,784	38,585	58,753
<b>European Union</b>					
Austria	2,929	1,747	8,227	5,685	704
Germany	41,203	30,750	42,715	30,759	11,115
Italy	0	1,446	11,831	4,515	1,975
Netherlands	9,897	6,744	2,775	1,475	30
Other	1,557	1,572	1,122	752	453
Subtotal	55,586	42,259	66,670	43,186	14,277
<b>Eastern Europe</b>					
Hungary	21,098	8,108	27,071	23,245	10,688
Poland	1,637	647	1,108	750	56
Other	315	172	451	395	0
Subtotal	23,051	8,927	28,629	24,390	10,744
<b>Middle East</b>					
Israel	4	12	0	0	0
Turkey	8,545	5,687	8,842	8,092	260
Other	58	3	88	88	0
Subtotal	8,607	5,702	8,930	8,180	260
<b>Africa</b>					
South Africa	3,165	6,244	6,329	4,136	6,636
Other	0	0	38	38	0
Subtotal	3,165	6,244	6,367	4,174	6,636
<b>Asia</b>					
China	147	2,316	11,317	5,621	8,248
Other	197	129	64	12	60
Subtotal	344	2,446	11,381	5,633	8,308
<b>Other Regions</b>	10,650	5,336	6,117	3,693	5,746
<b>Total World</b>	188,892	161,599	214,293	132,275	110,467

1/ Source: U.S. Census of the Bureau; Marketing Year July-June.

**U.S. Concentrated Apple Juice Exports**  
**Complete Marketing Years 1994/95-1996/97 1/**  
**and 1996/97-1997/98 July-February Comparisons**  
**(Metric tons, 70/71 Degrees Brix)**

Region/ Country	1994/ 95	1995/ 96	1996/ 97	July-February	July-February
				1996/ 97	1997/ 98
<b>North America</b>					
Canada	3,062	4,946	5,410	3,897	2,353
Mexico	198	302	80	60	24
Subtotal	3,261	5,248	5,490	3,957	2,377
<b>Caribbean</b>					
Dominican Republic	151	125	150	84	176
The Bahamas	48	66	30	19	30
Other	165	278	292	213	166
Subtotal	363	468	472	316	372
<b>Central America</b>					
Panama	137	79	128	84	155
Other	72	70	88	60	55
Subtotal	208	149	216	144	210
<b>South America</b>					
Venezuela	86	120	62	57	20
Other	12	26	53	53	44
Subtotal	99	146	115	110	64
<b>European Union</b>					
Netherlands	4	10	21	2	36
United Kingdom	144	36	75	40	19
Other	47	65	29	12	37
Subtotal	194	111	125	54	92
<b>Former Soviet Union</b>					
Russia	72	69	71	36	10
Other	0	0	5	0	0
Subtotal	72	69	76	36	10
<b>Middle East</b>					
Israel	11	24	10	8	4
Saudi Arabia	52	41	39	29	32
United Arab Emirates	17	21	41	28	17
Other	23	6	2	1	1
Subtotal	103	92	93	66	54
<b>Asia</b>					
China	12	8	7	5	12
Hong Kong	470	302	221	164	146
Japan	3,823	4,108	2,725	1,723	1,239
Korea, Republic of	522	126	202	164	506
Taiwan	275	202	124	86	85
Other	481	296	377	186	267
Subtotal	5,570	5,034	3,648	2,323	2,243
<b>Other Regions</b>	87	95	48	37	56
<b>World Total</b>	9,957	11,413	10,283	7,043	5,478
1/ Source: U.S. Census of the Bureau; Marketing Year July-June.					



## CANNED DECIDUOUS FRUIT SITUATION FOR SELECTED COUNTRIES

The 1997/98 canned fruit pack in selected countries is estimated at 1.44 million metric tons, 12 percent below the previous seasons's output. Selected country canned fruit exports in 1997/98 are forecast to decrease 22 percent to about 740,000 tons. All types of canned fruit exports are expected to decrease in 1997/98. Unfavorable weather in the world's three largest exporting countries, Greece, South Africa, and Italy, has affected fruit quality and reduced exportable supplies. Stocks are expected to be drawn down sharply in Greece, as that country tries to maintain market share. Larger production in Spain and the United States should help boost exports from these countries. U.S. canned fruit exports to date (June-January) in 1997/98 have totaled 12,122 tons, 24 percent ahead of last year shipments during the same period of time.

### EUROPEAN UNION SITUATION

European Union canned fruit exports for 1997/98 are estimated at 468,700 tons; up 6 percent from the previous forecast, but 28 percent below the 647,000 tons shipped last year. Production of canned peaches is estimated to be down 27 percent, pears down 14 percent, mixtures down 21 percent, and apricots down 28 percent. Corresponding export prospects are down 33 percent, 14 percent, 11 percent, and 31 percent.

Italian production for the upcoming 1998/99 season may already be adversely affected due to unseasonable weather. High temperatures in early March were followed by frost and low temperatures which damaged the bloom and may have reduced the quantity of fruit set.

### World canned fruit producers protest EU policies

In March eleven countries joined Chile in requesting informal consultations with the European Union, in the WTO Committee on Agriculture, concerning the questionable operation of the EU's canned fruit regime. The eleven countries' have suffered trade dislocations due to large European exports resulting from massive subsidies and reputed fraud and abuse associated with the operation

of the regime. The Committee on Agriculture will meet on this issue in June.

In the last fifteen years the EU has increased subsidized production and moved from being a net importer to become the largest exporter of canned peaches. The EU has exported surplus production forcing other countries to unilaterally protect their domestic industries through various import control actions. In 1992 Australia assessed a countervailing duty on imports from Greece and Spain. In 1996 Argentina and Brazil took import control actions to protect their industries from Greek supplies. Last year both New Zealand and Mexico placed countervailing duties on shipments from Greece.

### GREECE

Greek canned peach production in 1997/98 is estimated at 180,000 tons, 15,000 tons below the previous forecast. Exports in 1997/98 have been revised upward from the last forecast by 11,000 tons, to 200,000 tons, but 45 percent down from last year. The upward revision in shipments is expected to come out of stocks. The ending stock forecast is revised down from 40,000 tons to 7,800 tons.

## **SPAIN**

Total canned fruit production for the current season is revised up from the previous forecast, mainly due to improved production prospects for peaches and pears. Canned peach output is now estimated at 191,000 tons up, 27 percent from the previous forecast. Canned pear output is estimated at 23,900 tons up, 23 percent from the previous forecast. Canned pear exports are revised up by 35 percent.

Spanish canned peach exports for marketing year 1997/98 are forecast at 60,000 tons, up 12,000 tons from the previous forecast. Exports are expected to increase due to the higher fresh peach production, and reduced supplies from other neighboring canned peach exporting countries.

## **ARGENTINA**

Argentine canned peach output is forecast at 70,000 tons, up 27 percent from last year's output. Production has been rising steadily over the last few years and could have been higher this year, if weather conditions had not deteriorated as the harvest season neared.

## **CHILE**

Chilean production and export of canned peaches and fruit mixtures are forecast to be down due to adverse weather conditions in all growing areas. Excess rain, cold weather, hail, and lack of sunshine reduced the quality and quantity of fruit for canning. Exports of both canned peaches and mixtures are expected to be down from last year's level by 19 and 17 percent respectively.

## **AUSTRALIA**

Total canned fruit production in Australia continues its slow downward trend. Although production of deciduous fruit has increased in recent years, the vast majority of this increase has been toward the higher priced fresh market. In some regions varieties primarily suited to processing fruit have been removed.

Production of canned peaches in 1997/98 is

expected to approximate previous year's output of 34,000 tons. Export prospects are poor due to a strong Australian dollar and continued strong competition from subsidized European production.

## **SOUTH AFRICA**

South Africa's production of fruit for canning for the 1997/98 year is forecast at 263,000 tons, 8 percent above last year's harvest. However, unfavorable weather conditions reduced the quality and size of the fruit limiting its use in both the fresh and canning outlets. Consequently, canned fruit production is forecast to decrease by 9 percent as proportionally more fruit is destined for juice and nectars. Production of canned peaches is forecast down 7 percent, pears, down 7 percent, apricots, down 17 percent and mixtures, down 8 percent.

Canned fruit exports are forecast to decline by 14 percent, in part due to reduced supplies, but also to decreasing competitiveness in Europe, South Africa's principal market. The removal of South Africa's export subsidies and the continued high European import duties are forcing companies to expand domestic consumption and to export to non-traditional markets in Asia, North and South America. This marketing reorientation may also be accompanied by industry restructuring and downsizing.

## **UNITED STATES**

Due to reduced supplies in Europe, U.S. imports (June through January) of canned peaches for marketing year 1997/98 are down 5,000 tons (25 percent) from the comparable period last year and exports are up by 2,400 tons (25 percent).

Imports of canned pears are up 600 tons from the comparable (June- January) period last year. Although canned pear imports from Europe are down by more than 3,850 tons (85 percent), supplies from South Africa, Australia and Chile increased to fill the gap in demand. U.S. exports of canned pears are up by 225 tons from last year's level.

Under the Market Access Program (MAP), the California Cling Peach Growers Advisory Board is preparing to take advantage of new opportunities in Mexico following the increase in tariffs on imports of subsidized Greek canned peaches. MAP funds will be used to increase awareness of California canned fruit by organizing a trade reception and by establishing additional in-store promotions.

(For further information, contact Robert Knapp, 202-720-4620; or FAX: 202-720-3799, or Pamala Mckenzie 202-720-2252.)

# Canned Peaches: Production, Supply and Distribution

Country	Beginning Stocks	Production	Imports	Total Supply	Exports	Domestic Consumption	Ending Stocks
--Metric Tons Net Weight 1/ --							
<b>Northern Hemisphere</b>							
<b>France</b>							
1995/96	1,000	17,430	26,743	45,173	8,880	35,793	500
1996/97	500	16,800	31,032	48,332	3,266	40,066	5,000
1997/98	5,000	16,560	26,000	47,560	5,000	40,000	2,560
<b>Greece</b>							
1995/96	47,866	375,670	753	424,489	389,984	10,000	24,305
1996/97	24,305	378,000	500	402,805	361,000	8,000	33,805
1997/98	33,805	180,000	500	214,305	200,000	6,500	7,805
<b>Italy</b>							
1995/96	11,000	37,000	18,100	66,100	39,500	26,600	0
1996/97	0	38,000	26,000	64,000	38,000	23,000	3,000
1997/98	3,000	34,000	26,000	63,000	37,000	21,000	5,000
<b>Spain</b>							
1995/96	4,000	118,700	5,500	128,200	15,500	100,000	12,700
1996/97	12,700	143,500	2,400	158,600	47,850	107,000	3,750
1997/98	3,750	191,000	1,000	195,750	60,000	115,000	20,750
<b>Total EU</b>							
1995/96	63,866	548,800	51,096	663,962	453,864	172,393	37,505
1996/97	37,505	576,300	59,932	673,737	450,116	178,066	45,555
1997/98	45,555	421,560	53,500	520,615	302,000	182,500	36,115
<b>United States</b>							
1995/96	114,309	285,773	14,100	414,182	21,293	352,064	40,825
1996/97	40,285	359,257	28,087	427,629	16,006	371,105	40,518
1997/98	40,548	380,894	22,700	444,142	20,000	367,400	56,742
<b>Japan</b>							
1995/96	1,500	7,000	73,273	81,773	0	75,773	6,000
1996/97	6,000	6,000	51,649	63,649	4	60,645	3,000
1997/98	3,000	6,300	55,000	64,300	0	61,300	3,000
<b>Total Northern Hemisphere</b>							
1995/96	179,675	841,573	138,469	1,159,917	475,157	600,230	84,330
1996/97	83,790	941,557	139,668	1,165,015	466,126	609,816	89,073
1997/98	89,103	808,754	131,200	1,029,057	322,000	611,200	95,857



## Canned Peaches: Production, Supply and Distribution – Continued

Country	Beginning Stocks	Production	Imports	Total Supply	Exports	Domestic Consumption	Ending Stocks
--Metric Tons Net Weight 1/ --							
<b>Southern Hemisphere</b>							
<b>Argentina</b>							
1995/96	8,713	45,000	14,161	67,874	6,734	57,140	4,000
1996/97	4,000	55,000	8,000	67,000	5,000	60,000	2,000
1997/98 F	2,000	70,000	8,000	80,000	6,000	71,000	3,000
<b>Australia</b>							
1995/96	16,218	34,000	807	51,025	8,290	24,300	18,435
1996/97	18,435	33,950	1,327	53,712	8,521	26,500	18,691
1997/98 F	18,691	34,000	1,000	53,691	9,000	27,000	17,691
<b>Chile</b>							
1995/96	629	46,000	25	46,654	33,406	9,000	4,248
1996/97	4,248	39,000	48	43,296	34,292	8,800	204
1997/98 F	204	36,800	0	37,004	27,800	9,000	204
<b>South Africa</b>							
1995/96	31,470	95,928	68	127,466	60,500	36,676	30,290
1996/97	30,290	95,927	109	126,326	81,568	24,078	20,680
1997/98 F	20,680	89,000	120	109,800	60,000	23,000	26,800
<b>Total Southern Hemisphere</b>							
1995/96	57,030	220,928	15,061	293,019	108,930	127,116	56,973
1996/97	56,973	223,877	9,484	290,334	129,381	119,378	41,575
1997/98 F	41,575	229,800	9,120	280,495	102,800	130,000	47,695
<b>TOTAL</b>							
1995/96	236,705	1,062,501	153,530	1,452,936	584,087	727,346	141,303
1996/97	140,763	1,165,434	149,152	1,455,349	595,507	729,194	130,648
1997/98 F	130,678	1,038,554	140,320	1,309,552	424,800	741,200	143,552

F = Forecast

Note: For Calendar year reference, MY 1995/96 would become CY 1995

1/ One metric ton 48.99 standard 45-lb. net cases of 24 x 2 1/2 cans

Source: U.S. Agricultural Attache Reports

# Canned Pears: Production, Supply and Distribution

Country	Beginning Stocks	Production	Imports	Total Supply	Exports	Domestic Consumption	Ending Stocks
--Metric Tons Net Weight 1/ --							
<b>Northern Hemisphere</b>							
<b>France</b>							
1995/96	7,485	19,570	21,154	48,209	3,139	39,930	5,140
1996/97	5,140	25,050	23,222	53,412	2,141	43,271	8,000
1997/98	8,000	23,380	21,000	52,380	3,000	43,380	6,000
<b>Italy</b>							
1995/96	29,000	46,000	700	75,700	42,900	14,800	18,000
1996/97	18,000	51,000	200	69,200	43,400	13,800	12,000
1997/98	12,000	34,000	3,000	49,000	35,000	12,000	2,000
<b>Spain</b>							
1995/96	12,200	16,300	75	28,575	12,300	7,800	8,475
1996/97	8,475	18,800	140	27,415	19,000	7,700	715
1997/98	715	23,900	150	24,765	17,500	7,100	165
<b>TOTAL EU</b>							
1995/96	48,685	81,870	21,929	152,484	58,339	62,530	31,615
1996/97	31,615	94,850	23,562	150,027	64,541	64,771	20,715
1997/98	20,715	81,280	24,150	126,145	55,500	62,480	8,165
<b>Japan</b>							
1995/96	200	400	10,695	11,295	0	11,095	200
1996/97	200	500	9,044	9,744	0	9,244	500
1997/98	500	500	10,000	11,000	0	10,500	500
<b>Total Northern Hemisphere</b>							
1995/96	48,885	82,270	32,624	163,779	58,339	73,625	31,815
1996/97	31,815	95,350	32,606	159,771	64,541	74,015	21,215
1997/98	21,215	81,780	34,150	137,145	55,500	72,980	8,665

### Canned Pears: Production, Supply and Distribution – Continued

Country	Beginning Stocks	Production	Imports	Total Supply	Exports	Domestic Consumption	Ending Stocks
--Metric Tons Net Weight 1/ --							
<b>Southern Hemisphere</b>							
<b>Australia</b>							
1995/96	16,485	40,500	179	57,164	27,795	12,500	16,869
1996/97	16,869	39,500	161	56,530	32,481	12,700	13,349
1997/98	11,349	40,000	150	51,499	33,000	13,000	5,499
<b>South Africa</b>							
1995/96	12,797	29,573	2	42,372	22,925	6,442	13,005
1996/97	13,005	29,574	38	42,617	22,125	6,405	14,087
1997/98	14,087	27,531	30	41,648	21,000	6,000	14,648
<b>Total Southern Hemisphere</b>							
1995/96	29,282	70,073	181	99,536	50,720	18,942	29,874
1996/97	29,874	69,074	199	99,147	54,606	19,105	27,436
1997/98 F	25,436	67,531	180	93,147	54,000	19,000	20,147
<b>TOTAL</b>							
1995/96	78,167	152,343	32,805	263,315	109,059	92,567	61,689
1996/97	61,689	164,424	32,805	258,918	119,147	93,120	48,651
1997/98 F	46,651	149,311	34,330	230,292	109,500	91,980	28,812

F = Forecast

Note: For Calendar year reference, MY 1995/96 would become CY 1995

1/ One metric ton 48.99 standard 45-lb. net cases of 24 x 2 1/2 cans

Source: U.S. Agricultural Attache Reports

# Canned Fruit Mixtures: Production, Supply and Distribution

Country	Beginning Stocks	Production	Imports	Total Supply	Exports	Domestic Consumption	Ending Stocks
--Metric Tons Net Weight 1/ --							
<b>Northern Hemisphere</b>							
<b>France</b>							
1995/96	2,150	12,990	34,243	49,383	17,567	30,816	1,000
1996/97	1,000	18,550	34,617	54,167	9,714	34,563	9,890
1997/98	9,890	16,600	29,000	55,490	17,000	34,000	4,490
<b>Greece</b>							
1995/96	530	6,100	592	7,222	5,466	1,000	756
1996/97	756	4,300	500	5,556	4,000	1,000	556
1997/98	556	1,800	500	2,856	1,700	900	256
<b>Italy</b>							
1995/96	0	90,000	3,900	93,900	85,000	8,900	0
1996/97	0	91,000	3,600	94,600	85,000	8,800	800
1997/98	800	72,000	5,000	77,800	69,000	8,800	0
<b>TOTAL EU</b>							
1995/96	2,680	109,090	38,735	150,505	108,033	40,716	1,756
1996/97	1,756	113,850	38,717	154,323	98,714	44,363	11,246
1997/98	11,246	90,400	34,500	136,146	87,700	43,700	4,746
<b>Japan</b>							
1995/96	500	3,572	14,010	18,082	28	17,554	500
1996/97	500	3,000	11,876	15,376	3	14,873	500
1997/98	500	3,000	12,000	15,500	10	14,990	500
<b>Total Northern Hemisphere</b>							
1995/96	3,180	112,662	52,745	168,587	108,061	58,270	2,256
1996/97	2,256	116,850	50,593	169,699	98,717	59,236	11,746
1997/98	11,746	93,400	46,500	151,646	87,710	58,690	5,246



## Canned Fruit Mixtures: Production, Supply and Distribution – Continued

Country	Beginning Stocks	Production	Imports	Total Supply	Exports	Domestic Consumption	Ending Stocks
--Metric Tons Net Weight 1/ --							
<b>Southern Hemisphere</b>							
<b>Australia</b>							
1995/96	908	30,000	0	30,908	13,430	15,000	2,478
1996/97	2,478	29,000	0	31,478	13,060	16,000	2,418
1997/98 F	2,418	30,000	0	32,418	13,500	16,000	2,918
<b>Chile</b>							
1995/96	20	7,000	6	7,026	6,683	310	33
1996/97	33	7,350	107	7,490	7,138	310	42
1997/98 F	42	6,200	0	6,242	5,900	310	32
<b>South Africa</b>							
1995/96	23,053	54,473	1	77,527	48,450	11,141	17,936
1996/97	17,936	54,494	279	72,709	46,074	11,256	15,379
1997/98 F	15,379	50,000	280	65,659	44,219	11,000	10,440
<b>Total Southern Hemisphere</b>							
1995/96	23,981	91,473	7	115,461	68,563	26,451	20,447
1996/97	20,447	90,844	386	111,677	66,272	27,566	17,839
1997/98 F	17,839	86,200	280	104,319	63,619	27,310	13,390
<b>TOTAL</b>							
1995/96	27,161	204,135	52,752	284,048	176,624	84,721	22,703
1996/97	22,703	207,694	50,979	281,376	164,989	86,802	29,585
1997/98 F	29,585	179,600	46,780	255,965	151,329	86,000	18,636

F = Forecast

Note: For Calendar year reference, MY 1995/96 would become CY 1995

1/ One metric ton 48.99 standard 45-lb. net cases of 24 x 2 1/2 cans

Source: U.S. Agricultural Attache Reports

# Canned Apricots: Production, Supply, and Distribution

Country	Beginning Stocks	Production	Imports	Total Supply	Exports	Domestic Consumption	Ending Stocks
--Metric Tons Net Weight 1/ --							
<b>Northern Hemisphere</b>							
<b>Spain</b>							
1995/96	200	12,600	280	13,080	8,000	4,500	580
1996/97	580	19,350	90	20,020	14,900	4,500	620
1997/98	620	15,400	90	16,110	11,500	4,500	110
<b>Greece</b>							
1995/96	1,576	15,018	102	16,696	15,091	1,200	405
1996/97	405	20,100	100	20,605	19,000	1,200	405
1997/98	405	13,000	100	13,505	12,000	1,200	305
<b>Total Northern Hemisphere</b>							
1995/96	1,776	27,618	382	29,776	23,091	5,700	985
1996/97	985	39,450	190	40,625	33,900	5,700	1,025
1997/98	1,025	28,400	190	29,615	23,500	5,700	415
<b>Southern Hemisphere</b>							
<b>South Africa</b>							
1995/96	10,307	38,693	38	49,038	24,498	6,548	17,992
1996/97	17,992	38,697	6	56,695	29,546	6,406	20,743
1997/98	20,743	32,000	20	52,763	28,421	6,000	18,342
<b>Australia</b>							
1995/96	2,711	4,380	1,527	8,618	1,204	7,000	414
1996/97	414	9,400	715	10,529	2,000	8,115	414
1997/98 F	414	9,500	700	10,614	2,200	8,200	214
<b>Total Southern Hemisphere</b>							
1995/96	13,018	43,073	1,565	57,656	25,702	13,548	18,406
1996/97	18,406	48,097	721	67,224	31,546	14,521	21,157
1997/98 F	21,157	41,500	720	63,377	30,621	14,200	18,556
<b>Total</b>							
1995/96	14,794	70,691	1,947	87,432	48,793	19,248	19,391
1996/97	19,391	87,547	911	107,849	65,446	20,221	22,182
1997/98 F	22,182	69,900	910	92,992	54,121	19,900	18,971

F = Forecast

Note: For Calendar year reference, MY 1995/96 would become CY 1995

1/ One metric ton 48.99 standard 45-lb. net cases of 24 x 2 1/2 cans

Source: U.S. Agricultural Attaché Reports

Note: Data for the United States are no longer available.

### United States: Canned Peach Imports

Country	Marketing Year June/May			June - January	
	1994/95	1995/96	1996/97	1996/97	1997/98
--Metric Tons Net Weight 1/ --					
Greece	16,743	10,489	19,475	14,865	3,509
Spain	233	31	4,324	3,020	8,560
South Africa	1,693	1,546	2,717	2,193	2,656
Chile	1,637	1,755	1,166	608	447
China	97	199	244	127	280
Japan	0	0	69	69	0
France	49	44	56	40	82
Italy	4	3	19	19	13
Other	283	33	17	8	61
Grand Total	20,739	14,100	28,087	20,949	15,608

Source: U.S. Census Bureau

1/ One metric ton equals 48.99 cases standard cases of 24 x 2 1/2 cans

### United States: Canned Peach Exports

Country	Marketing Year June/May			June - January	
	1994/95	1995/96	1996/97	1996/97	1997/98
--Metric Tons Net Weight 1/ --					
Canada	3,908	5,589	4,192	2,462	4,522
Japan	4,595	4,290	2,559	1,334	1,730
Korea	2,314	2,495	1,593	911	543
Taiwan	1,259	1,852	1,295	914	803
Russian Feder	185	176	1,077	309	566
Singapore	1,164	958	900	700	185
Hong Kong	943	867	809	603	229
Costa Rica	441	752	494	223	423
Mexico	454	294	451	308	351
Philippines	1,018	617	442	361	119
Germany	74	48	233	65	245
Guatemala	200	186	217	164	111
El Salvador	117	186	214	159	185
Saudi Arabia	137	166	201	106	426
Other	1,960	2,817	1,329	1,128	1,684
Grand Total	18,769	21,293	16,006	9,747	12,122

Source: U.S. Census Bureau

1/ One metric ton equals 48.99 cases standard cases of 24 x 2 1/2 cans

### United States: Canned Pear Exports

Country	Marketing Year June/May			June - January	
	1994/95	1995/96	1996/97	1996/97	1997/98
--Metric Tons Net Weight 1/ --					
Canada	2,795	5,669	2,703	1,840	1,964
Japan	485	623	311	278	244
Germany	170	82	115	49	95
United Kingdom	14	90	85	85	218
Mexico	25	0	77	0	14
Hong Kong	51	84	49	38	6
Russian Federation	110	53	43	25	0
Norway	24	12	42	42	12
Singapore	113	9	41	36	5
Thailand	19	6	39	34	19
Malaysia	13	16	31	16	16
Netherlands Antilles	16	0	27	29	20
Other	885	671	143	118	202
Grand Total	4,720	7,315	3,706	2,590	2,815

Source: U.S. Census Bureau

1/ One metric ton equals 48.99 cases standard cases of 24 x 2 1/2 cans

### United States: Canned Fruit Mixtures Exports

Country	Marketing Year June/May			June - January	
	1994/95	1995/96	1996/97	1996/97	1997/98
--Metric Tons Net Weight 1/ --					
Canada	5,635	5,531	7,422	4,788	5,997
Philippines	2,801	4,313	3,804	3,624	361
Japan	5,612	4,163	3,555	1,984	2,078
Hong Kong	3,915	2,793	1,970	1,526	335
Singapore	4,476	3,124	1,826	1,370	772
Costa Rica	608	831	834	536	746
Saudi Arabia	458	1,055	820	446	812
Panama	744	637	597	313	712
Korea	720	238	421	242	526
Taiwan	971	622	416	211	560
El Salvador	283	360	337	259	295
Mexico	668	100	185	145	228
Other	2,386	2,499	2,762	1,857	1,919
Grand Total	29,277	26,266	24,949	17,301	15,341

Source: U.S. Census Bureau

1/ One metric ton equals 48.99 cases standard cases of 24 x 2 1/2 cans



## Strawberry Trade Situation in Selected Countries

Selected foreign country fresh strawberry exports in 1997/98 are forecast at a record 303,163 tons, 3 percent above the previous season's shipments. Expanded shipments by Spain, the world's largest fresh strawberry exporter, are likely to more than offset lower exports by Poland. Although the volume of U.S. fresh strawberry exports in 1997 approximated the previous year's level, the value of exports was up 7 percent to a record \$94.7 million. Canada, the largest U.S. market, accounted for the increase in the U.S. export value. Selected foreign country frozen strawberry exports in 1997/98, on the other hand, are forecast to decrease 6 percent to 131,100 tons. Mexico is expected to account for the bulk of the decrease in frozen strawberry exports due to a smaller fresh strawberry harvest. The United States could surpass Mexico as the world's second largest frozen strawberry exporter in 1997/98, depending on the size of the U.S. domestic fresh strawberry harvest.

### Canada - Fresh Strawberries

The 1997/98 strawberry crop (harvested March through August 1998) is forecast at 27,025 tons, down 6 percent from the 1996/97 harvest. The 1996/97 crop was adversely affected due to rains, especially in British Columbia, and cool temperatures in most of the production areas.

Canada imports nearly all of its fresh strawberries from the United States. California strawberries usually account for about 85 percent of Canada's total strawberry imports. In 1997 U.S. exports to Canada totaled 39,868 tons, 1 percent below the previous year, valued at \$58 million.

### Canada - Frozen Strawberries

Production of strawberries for processing in 1997/98 is forecast at 2,800 tons, 7 percent below 1996/97, reflecting smaller fresh supplies. Canada's small freezing operations are facing increasing competition from imports from Mexico and the United States, given the declining tariff rates under the North American Free Trade Agreement and the World Trade Organization.

Mexico was the number one supplier of frozen strawberries to Canada in 1997. Canadian

imports of Mexican frozen strawberries are destined for the processing market which are assessed a lower Canadian duty than frozen strawberry imports for retail. However, U.S. frozen strawberry exports, aided by the NAFTA zero tariff, gained market share in Canada, increasing from 36 percent in 1996 to 47 percent in 1997.

The NAFTA agreement didn't immediately extend Canadian tariff reductions to Mexico for frozen strawberries. However, the tariff is expected to be phased out over the next several years.

### Mexico - Fresh Strawberries

Strawberry production in 1997/98 is forecast at 56,000 tons, 37 percent below the revised 1996/97 output. Production in Michoacan and Guanajuato were damaged by frosts.

Mexico's fresh strawberry exports in 1997/98 are forecast at 13,000 tons, the same as last season's reduced shipments due to the expected smaller strawberry crop. The 1996/97 estimate was reduced to reflect the decrease in sales from Baja California due to the contamination

issue. The major market for Mexican fresh strawberry exports is the United States, with smaller amounts being shipped by air to Europe.

Mexico imports most of its strawberries from the United States from July through November. Imports from the United States are forecast to increase from 1,500 tons in 1997 to 4,200 tons in 1998.

Under the NAFTA, fresh strawberry imports (08.10.10.01) from the United States are not subject to tariffs. Imports into Mexico from non-NAFTA countries are charged a 20 percent import tax. Mexican strawberry exports to the United States are also duty-free.

### **Mexico - Processed Strawberries**

The amount of strawberries forecast to be processed in 1997/98 is 20,000 tons, 39 percent below last season due to the expected smaller strawberry harvest. There are 25 strawberry processing plants in Mexico, eight of which are currently closed, with the rest working at reduced capacity or processing other fruits because of inadequate supplies and insufficient financing. The cost of production has reportedly climbed 25 percent, including packaging materials.

#### **Exports expected to fall sharply in 1997/98**

Exports of frozen strawberries in 1997/98 are forecast to decrease 35 percent to 15,000 tons, due to reduced production and more attractive fresh market prices. The United States is the major destination for Mexican frozen strawberry exports, accounting for 80 percent of the total market. In 1997 small amounts of frozen strawberries were exported to France, Canada, and Australia.

Under NAFTA, the tariff on frozen strawberries from NAFTA members is 7 percent. Mexico and the United States will reduce the import duty on frozen strawberries (08.11.10.01) to zero in equal installments over 10 years. Imports from non-NAFTA countries into Mexico are charged a 20 percent import tax. Mexico imports only small amounts of frozen strawberries, all of which are from the United States.

### **Poland - Fresh Strawberries**

Strawberry production in 1997/98 (primary harvest is May through July 1998) is forecast to approximate the last season's level of 165,000 tons. The 1996/97 estimate was revised downward to reflect excess rains, cold weather, grey mold fungus problems, and aging strawberry plants. Crop quality was considered poor.

Exports of Polish fresh strawberries in 1997/98 are forecast at 10,100 tons, or 31 percent below 1996/97 shipments. Exports in 1996/97 were revised downward by one-third reflecting lower production. The European Union is the largest importer of Polish strawberries with the majority going to Germany. Other significant importers include Belgium, Austria, and The Netherlands.

### **Poland - Frozen Strawberries**

Approximately 80 percent of Poland's strawberry production is processed, mostly into frozen strawberries. Processing utilization in 1997/98 is forecast at 122,000 tons, up 2 percent from last year, because of increased supplies and stable consumption due to higher domestic prices.

Exports of frozen strawberries are forecast to approximate last year's level. Important markets include, The Netherlands, Germany, Belgium, the United Kingdom, Denmark, and France.

The EU's minimum price (mip) system was changed in 1997. Instead of looking at the overall Polish exports in order to consider price levels, each individual shipment will have to comply with minimum price requirements and will be taxed at the border if the price is below mip levels imposed by the EU. The system is not expected to affect Polish strawberries, as their prices are well above the mip level.

### **Japan - Fresh Strawberries**

Production of strawberries in 1997/98 (harvested November 1997 through May 1998) is estimated at 193,000 tons, down 3 percent

from last season. Planted area is off 2 percent in 1996/97, in line with the long-term contraction in Japan's agricultural sector. The labor intensive nature of strawberry production, combined with the aging Japanese farm population, are key factors driving this downward trend.

Japanese imports of fresh strawberries account for only about 3 percent of total domestic consumption. The United States is the largest foreign supplier of fresh strawberries to Japan, accounting for about 93 percent of total Japanese imports. Fresh strawberry imports are expected to increase 9 percent in 1997/98 (October-September) due largely to the smaller domestic production and expanding market promotion for imports by both of Japan's major national supermarkets and medium sized regional markets. There is a steady year-round demand for fresh strawberries and the United States can supply strawberries during Japan's off-season (July - September). The current import duty on fresh strawberries (HS: 0810.10.000) is 8 percent CIF.

#### **Japanese view fresh strawberries as a healthy convenience fruit**

Fresh strawberries have been one of Japan's favorite fruits. According to an industry survey, Japan's younger age groups (20's and 30's), and especially women, view fresh strawberries as the favorite fruit overall. This is because they are sweet, small and convenient.

Fresh strawberries are consumed at retail outlets, confectionary stores, commercial bakeries (especially in the form of cakes), hotels and restaurants, and are heavily marketed December through May to coincide with the peak domestic harvest time and national holidays.

#### **Japan - Frozen Strawberries**

Japan's frozen strawberry production is small, accounting for 2.5 percent of the nation's total frozen strawberry consumption. In 1997/98 U.S. exports to Japan were valued at nearly \$19 million. China is the second largest supplier, followed by Korea, Thailand, and Mexico. Japan's imports are expected to increase by 3

percent in 1997/98 to 29,000 tons. The import duty on frozen strawberries with added sugar (HS: 08011.10.100) is 12.8 per cent and with out added sugar (HS: 0811.10.200) is 16 percent, CIF.

Japan's frozen strawberries are mainly consumed in the food processing sector, especially for the production of jams, which are produced year round. Dairy processors use strawberries for ice cream, yogurt, and frozen desert industries in the spring and summer. Strawberries are also used in the bakery and confectionary industries. The food service industry has successfully explored the use of frozen strawberries in the preparation of alcoholic and other beverages.

The California Strawberry Commission has been promoting frozen strawberries in the food service sector, (including hotels, restaurants, bars and snack bars), and particularly, in Japan's fast growing fast food chains and family restaurant chains.

#### **Japanese Imports of Frozen Strawberries (Metric Tons) 1997**

<b>United States</b>	<b>13,796</b>
<b>China</b>	<b>7,753</b>
<b>Korea</b>	<b>1,376</b>
<b>Mexico</b>	<b>1,689</b>
<b>Thailand</b>	<b>1,441</b>
<b>Chile</b>	<b>687</b>
<b>Poland</b>	<b>314</b>
<b>Other</b>	<b>139</b>
<hr/>	
<b>Total</b>	<b>27,195</b>

\* Source: Japanese Customs Bureau, Ministry of Finance

#### **Spain - Fresh Strawberries**

Strawberry output in 1997/98 (harvested mainly January through July 1998) is forecast at a record 270,300 tons, up 3 percent from 1996/97, reflecting ideal growing conditions and more than adequate water supplies.

Spanish strawberries are mostly geared for the



fresh market rather than processing purposes. In 1997/98, only 15,000 tons of strawberries are forecast to be processed, down 8 percent from 16,250 tons last season. About 80 percent of the strawberries delivered to processors are used for frozen production; the balance is used for pulp production.

Spanish fresh strawberry exports in 1997/98 (calendar year 1998) are forecast at 225,000 tons, 7 percent above the previous year's level due to the expected increased production. The Spanish fresh strawberry export season begins in January, reaching its peak during the months of February through April, when strawberries from other EU countries begin to be marketed.

Spain is the world's largest fresh strawberry exporter. The bulk (95 percent) of Spain's strawberry exports go to traditional markets in the EU, mainly France, Germany and Italy. Fresh strawberries are also exported to Switzerland.

### **Spain - Frozen Strawberries**

Strawberries in Spain are not specifically planted for processing or freezing purposes. Usually less than 10 percent of the strawberries produced, are delivered to processors. Frozen strawberries are generally marketed for industrial, confectionary, and baking uses.

Frozen strawberry exports in 1997/98 are forecast to increase 5 percent to 16,000 tons. The bulk of Spanish frozen strawberry exports occur during the months of May and June, with the remainder shipped in Fall. The export destinations are mostly other EU countries. Spain competes with Poland for the EU frozen strawberry market.

### **Italy**

Strawberry production in 1997/98 (harvested from late-March through June 1998) is forecast at 130,000 tons, down 1 percent from the 1996/97 crop. Area planted declined 2 percent, which continues the downward trend in which production has dropped 35 percent since 1990.

Italian fresh strawberry exports in 1997/98

(calendar year 1998) are forecast at the same level as the previous season due to similar production. Italy's competition is Spain for the fresh European strawberry market. Germany imported 65 percent of Italian fresh strawberry exports, followed by Austria and Switzerland.

Domestic strawberries are mainly consumed fresh, with only about 15,000 tons being processed in 1996/97 and 1997/98. Italian imports of fresh strawberries in 1997/98 are forecast to rise 8 percent to 15,000 tons and are usually supplied by Spain.

### **Chile**

Strawberry production is forecast to decrease 20 percent in 1997/98 (harvested October 1997 through May 1998) to 12,640 tons. Rains, which flooded some fields, and higher-than-normal temperatures during Chile's spring contributed to the spread of botrytis mold on the fruit before harvesting began.

Chile exports limited amounts of fresh strawberries, mostly to other Latin American countries. Access to Latin markets resulting from the new Mercosur agreement have benefitted Chilean exports. The tariff for fresh and frozen strawberries has been reduced from 10 to 6 percent for exports to Mercosur members (Argentina, Brazil, Uruguay, and Paraguay). These tariffs will be reduced to zero in the next five years.

Exports of frozen strawberries are forecast to decrease 10 percent in 1997/98 to about 2,300 tons due to reduced supplies. Spain and Mexico are the primary competition in the frozen strawberry trade.

### **United States**

Strawberry production held steady, rising by less than 1 percent in 1996/97, at a level 740,534 tons. This was primarily because higher yields offset a decrease in the production area. California's 1997/98 planting season in some areas (harvested February through December 1998) has been delayed thus far due to rains. However the production area reportedly has not



been damaged and industry sources are expecting strong production this summer and fall that may surpass the previous year's level. Florida's 1997 crop is estimated at 80,241 tons, up 13 percent from last season due to increases in both the planted area and yield. An official USDA estimate for the 1997/98 U.S. strawberry crop will be released by the National Agricultural Statistics Service in January 1999.

Approximately 193,457 tons of strawberries were processed in 1996/97, up 3 percent from the previous year. After declining for several years, demand for processed strawberries, as well as production, increased in 1996/97.

The quantity of U.S. fresh strawberry exports in calendar year 1997 (1996/97) decreased by less than 1 percent. However, the value of exports increased by 7 percent and were valued at nearly \$97 million. U.S. fresh strawberry exports in 1996/97 totaled 52,513 tons. Shipments of fresh strawberries to the United Kingdom rebounded in 1997 by 38 percent. Exports of fresh strawberries to Japan were up 8 percent, despite the economic situation in Asia. Fresh strawberry exports to Canada were off slightly in volume, although the value increased to nearly \$58 million. A similar situation also existed in Mexico, as export volume fell by 29, but the value of exports increased 24 percent. The primary competitors for the United States in the European market are Spain, Italy, France, and Poland. Other competitors are countries in Africa and Central America, and Israel which supply European markets in the off-season.

U.S. frozen strawberry exports in 1996/97 totaled 21,456 tons, 1 percent below the 1995/96 volume. Exports to Canada soared by 37 percent to 5,452 tons reflecting the decline in frozen strawberry production in that country. Korea also increased imports from 359 to 953 tons in 1996/97. Japanese imports were down 8 percent in 1996/97 as were exports to Mexico which fell 84 percent. Exports to Australia were relatively stable at 647 tons.

U.S. fresh strawberry imports decreased 53 percent in 1996/97. Most of the decrease is due to increased U.S. production and negative publicity from the contaminated strawberry issue. Increasing amounts of fresh strawberries were

imported again from New Zealand. Imports of frozen strawberries, however, increased by 5 percent due to reduced strawberry supplies.

Fresh use accounted for about 69 percent of total production with the rest processed in 1996/97. This ratio for use of fresh strawberries is down slightly from the previous year, reflecting the increased production of processed strawberries. Given limited supplies in most producing countries it is difficult to discern where strawberry supplies will be utilized in the near future. In general, there has been a trend toward greater consumption of fresh fruit.

Frozen strawberries tend to be frozen whole (individually quick frozen, IQF) or sliced, with less than 10 percent of recent U.S. strawberry crops used for juice or puree. Frozen strawberries are packaged for retail sales and sold in bulk as ingredients to makers for jam and jelly, syrup, juice drinks, ice cream, yogurt, as well as bakery and confectionary products.

#### **MAP continues to advance U.S. exports**

The California Strawberry Commission (CSC) has participated in the Market Access Program (MAP) since 1990. This program has been instrumental in expanding markets in Japan, Mexico, Canada, and the United Kingdom. In Japan, for example, frozen strawberries are traditionally sold to jam, ice cream, and yogurt manufacturers, but the CSC has also encouraged the use of U.S. frozen strawberries in restaurants, bars, coffee shops, and other food service sectors, with the introduction of new beverage and desert products. In all overseas markets, retail promotions for fresh strawberries focus on the availability of California strawberries during the off-season for Japanese, Mexican, Canadian, and British strawberry production. Promotional activities for fresh California strawberries include in-store samplings and promotions and point of sale materials to educate consumers of the quality and healthfulness of fresh U.S. strawberries.

*(For further information on production, supply, distribution, and trade, Stephanie Riddick, 202-720-9792. For information on marketing opportunities, contact Gina Castenolvo, 202-720-0898.)*

**FRESH STRAWBERRIES: PRODUCTION, SUPPLY, AND DISTRIBUTION**  
**MARKETING YEARS 1994/95-1997/98**  
**IN METRIC TONS**

<b>Country</b>	<b>1994/95</b>	<b>1995/96</b>	<b>1996/97</b>	<b>1997/98 F</b>
<b>Canada 1/</b>				
Production	31,700	29,000	28,572	27025
Imports	40,308	40,400	41,216	39600
Exports	68	75	412	50
Processing	8,200	8,500	8,500	8800
Consumption	63,740	60,825	60,876	57775
<b>Chile 2/</b>				
Production	14,500	15,500	15,800	12640
Imports	0	0	0	0
Exports	33	31	97	8
Processing	5,667	6,069	6,203	5632
Consumption	8,800	9,400	9,500	7000
<b>Italy 1/</b>				
Production	150,581	128,020	131,341	130000
Imports	14,205	9,679	13,800	15000
Exports	75,044	55,835	55,000	55000
Processing	12,000	15,000	15,000	15000
Consumption	77,742	66,864	75,141	75000
<b>Japan 2/</b>				
Production	201,500	207,900	195,000	193000
Imports	4,790	4,953	4,572	5000
Exports	2	4	5	5
Processing	4,400	4,900	4,680	4600
Consumption	201,890	207,949	194,887	193395
<b>Mexico 3/</b>				
Production	128,800	112,660	90,000	56000
Imports 4/	4,610	3,700	4,000	4200
Exports	27,000	25,000	13,000	13000
Processing	44,000	42,000	33,000	20000
Consumption	62,410	49,360	48,000	27200
<b>Poland 1/</b>				
Production	211,000	181,200	163,000	165000
Imports	0	141	100	100
Exports	21,793	21,700	14,700	10100
Processing	165,000	120,000	120,000	125000
Consumption	24,207	39,641	28,400	30000
<b>Spain 1/</b>				
Production	248,800	190,000	262,600	270300
Imports	0	500	650	700
Exports	174,000	153,500	211,000	225000
Processing	30,000	12,000	16,250	15000
Consumption	44,800	25,000	36,000	31000

### Fresh Strawberries Continued

Country	1994/95	1995/96	1996/97	1997/98 F
<b>Total Foreign</b>				
Production	986,881	864,280	886,313	853,965
Imports	63,913	59,373	64,338	64,600
Exports	297,940	256,145	294,214	303,163
Processing	269,267	208,469	203,633	194,032
Consumption	483,587	459,039	452,804	421,370
<b>United States 1/</b>				
Production	679,300	738,180	740,534	N/A
Imports	26,682	30,530	14,479	N/A
Exports	50,518	52,631	52,513	N/A
Processing	207,020	187,470	193,457	N/A
Consumption	448,444	528,609	509,043	N/A
<b>Grand Total</b>				
Production	1,666,181	1,602,460	1,626,847	N/A
Imports	90,595	89,903	78,817	N/A
Exports	348,458	308,776	346,727	N/A
Processing	476,287	395,939	397,090	N/A
Consumption	932,031	987,648	961,847	N/A

1/ Marketing season begins in January of second year shown.

2/ Marketing season begins in October of first year shown.

3/ Marketing season begins in August of first year shown.

4/ Bureau of Census data.

**FROZEN STRAWBERRIES: PRODUCTION, SUPPLY, AND DISTRIBUTION**  
**MARKETING YEARS 1994/95-1997/98**  
**IN METRIC TONS**

<b>Country</b>	<b>1994/95</b>	<b>1995/96</b>	<b>1996/97</b>	<b>1997/98 F</b>
<b>Canada 1/</b>				
Beg. Stocks	2,650	1,270	1,200	1,100
Production	3,800	3,000	2,800	2,700
Imports	10,990	10,409	11,446	12,000
Exports	198	159	272	300
Consumption	15,742	13,320	14,074	14,500
End. Stocks	1,500	1,200	1,100	1,000
<b>Chile 2/</b>				
Beg. Stocks	73	436	884	871
Production	5,667	6,069	6,203	5,632
Imports	0	0	0	0
Exports	4,154	3,221	2,566	2,300
Consumption	1,150	2,400	3,650	3,700
End. Stocks	436	884	871	503
<b>Italy 1/</b>				
Beg. Stocks	0	0	0	0
Production	12,000	15,000	15,000	15,000
Imports	5,442	4,650	4,800	5,000
Exports	1,146	1,299	3,500	3,000
Consumption	16,296	18,351	16,300	17,000
End. Stocks	0	0	0	0
<b>Japan 2/</b>				
Beg. Stocks	0	0	0	0
Production	800	750	730	730
Imports	29,381	28,749	28,027	29,000
Exports	0	0	0	0
Consumption	30,181	29,499	28,757	29,730
End. Stocks	0	0	0	0
<b>Mexico 3/</b>				
Beg. Stocks	0	0	0	0
Production	44,000	42,000	33,000	20,000
Imports	330	100	200	300
Exports	31,500	30,000	23,000	15,000
Consumption	12,830	12,100	10,200	5,300
End. Stocks	0	0	0	0



## Frozen Strawberries Continued

Country	1994/95	1995/96	1996/97	1997/98 F
<b>Poland 1/</b>				
Beg. Stocks	4,050	43,800	10,000	4,000
Production	130,000	110,000	112,000	115,350
Imports	153	150	150	150
Exports	73,181	113,800	94,150	94,500
Consumption	17,222	30,150	24,000	24,000
End. Stocks	43,800	10,000	4,000	1,000
<b>Spain 1/</b>				
Beg. Stocks	0	0	0	0
Production	26,400	14,000	15,000	15,000
Imports	3,500	1,700	4,300	5,000
Exports	25,500	13,000	15,300	16,000
Consumption	4,400	2,700	4,000	4,000
End. Stocks	0	0	0	0
<b>Total Foreign</b>				
Beg. Stocks	6,773	45,506	12,084	5,971
Production	222,667	190,819	184,733	174,412
Imports	49,796	45,758	48,923	51,450
Exports	135,679	161,479	138,788	131,100
Consumption	97,821	108,520	100,981	98,230
End. Stocks	45,736	12,084	5,971	2,503
<b>United States 1/</b>				
Beg. Stocks	109,835	115,548	96175	N/A
Production	190,000	187,470	193457	N/A
Imports	26,313	20,995	22123	N/A
Exports	24,098	21,261	21456	N/A
Consumption	186,502	206,577	192,995	N/A
End. Stocks	115,548	96,175	97304	N/A
<b>Grand Total</b>				
Beg. Stocks	116,608	161,054	108,259	N/A
Production	412,667	378,289	378,190	N/A
Imports	76,109	66,753	71,046	N/A
Exports	159,777	182,740	160,244	N/A
Consumption	284,323	315,097	293,976	N/A
End. Stocks	161,284	108,259	103,275	N/A

1/ Marketing season begins January 1 of second year shown.

2/ Marketing season begins October 1 of first year shown.

3/ Marketing season begins in August of first year shown.

## Survey of Fresh Papaya Exports

In calendar 1996, total fresh papaya exports from the 4 major exporting countries, the United States, Mexico, China, and Indonesia, exceeded 68,000 metric tons. Mexico is the world's largest exporter, accounting for 88 percent of selected country exports. The United States, the second largest exporter, accounted for about 9 percent of selected country 1996 papaya exports but less than 2 percent of aggregate production of papayas. In 1997, Japan and Germany comprised the two major U.S. export markets for papayas. Research scientists have developed a variety of papaya resistant to Papaya Ringspot Virus, a plant disease which has significantly reduced the output of the Hawaiian papaya industry. Over the objections of U.S. papaya growers, a recent decision by USDA's Animal Plant Health Inspection Service (APHIS) now permits imports of Brazilian papayas.

### United States

The calendar 1997 U.S. papaya crop is forecast at 18,597 tons, 2 percent below the previous season's harvest. In 1997, Hawaii produced almost 85 percent of the U.S. papaya crop with Florida supplying the remainder.

Hawaii's weather conditions remained dry through most of February 1998. Cool temperatures and lack of rainfall in unirrigated orchards slowed fruit development and reduced yields. Rainfall toward the end of February helped to replenish soil moisture. The dry conditions in unirrigated orchards will affect output during the summer months of 1998.

Over the past years, Papaya Ringspot Virus (PRV) has caused serious damage to the U.S. papaya industry, resulting in production and export declines. However, research scientists have developed a new transgenic variety of papaya which is resistant to PRV. The papaya industry hopes this new variety will revive current market potential and perhaps create some new export markets.

Hawaiian papaya production for 1997 was

estimated at 51 percent below the 1984 record of 36,514 tons. Most of the decline in production comes from PRV. Once confined to the Big Island, Hawaii, PRV has spread to Oahu, Molokai, and Kauai. The Big Island, the largest producer of papaya, currently supports 1,214 hectares (3,000 acres) of papaya. However, the Big Island's papaya acreage has dropped in recent years due to PRV. Some smaller islands of Hawaii are still producing disease-free fruit. Officials hope that the good production on these islands will counterbalance reductions on the Big Island. PRV has been difficult to control as farmers hesitate to cut down trees. To keep a certain level of papaya production, many farmers have converted sugar cane or pineapple fields to papaya.

Current research has yielded the new "Sunup" transgenic papaya which resists PRV. Approval by EPA, FDA, and USDA has allowed commercialization of the "Sunup" papaya in the domestic U.S. market. The Hawaiian papaya industry is collaborating with FAS and the Animal Plant Health Inspection Service (APHIS) to secure government approval for the new strain of papaya to enter Canada and Japan. Researchers are trying to make the fruit smaller, as Japanese

and Korean consumers prefer the "single serve" size fruit. Hawaii is hoping that the "Sunup" variety of fruit will revive the state's papaya production and export potential.

U.S. papaya exports currently account for approximately 9 percent of world papaya exports. In 1997, the United States exported 6,279 tons of papaya, a 22-percent drop from the 1996 level and a 39 percent decrease from the 1989 record. Most papaya exports originate from Hawaii with Japan and Canada as the two main export markets. However, industry sources noted greater interest in beginning exports to Guam, Korea, and the Middle East, but low production during recent years has maintained the focus of papaya growers on current markets. In 1997, the United States exported one third of its papaya output. The top three customers represented almost 99 percent of total export sales. Japan purchased almost three quarters of total U.S. exports. Canada accounted for 23 percent of U.S. exports, followed by Germany with 2 percent.

Hawaii markets its papaya as a high-value, high-quality, upscale market fruit. While Mexico, China, and increasingly Thailand also grow papaya, Hawaiian papaya has a reputation for better quality and can command a premium price.

Imports provide almost 80 percent of U.S. apparent consumption of papayas. In 1997, five countries supplied the U.S. market. Mexico led, accounting for 83 percent of total U.S. imports followed by Belize with 8 percent, Jamaica with 4 percent, Costa Rica with 3 percent, and the Dominican Republic with 2 percent.

U.S. papaya farmers objected to a U.S. import regulation for Brazilian papayas from USDA's Animal Plant Health Inspection Service (APHIS). They contended that the APHIS rule would not eradicate medflies and based their argument on documentation from the Agricultural Research Service. An APHIS official said the proposal for imports of Brazilian papayas already includes necessary safeguards.

## **Indonesia**

Based on FAO data, Indonesia's papaya crop In 1996 accounted for 76 percent of the combined production among the world's four major growers of papaya. Despite a 1996 harvest approaching 600,000 tons, Indonesia exports very little of its production. No Indonesian papaya exports compete directly against U.S. sales. In 1998, the low value of Indonesia's currency will probably stimulate exports.

## **Mexico**

The United States purchases most of Mexico's papayas. Papaya production in Mexico, according to FAO, has risen, in part, to fulfill U.S. demand for papayas. In 1996, Mexico exported 13 percent of its papaya crop. Mexican papaya exports compete directly against U.S. sales in Canada and Germany.

## **China**

The Chinese papaya industry has gradually expanded primarily to satisfy domestic demand. Exports of Chinese papayas began in 1992. China's imports of papayas remained minimal until 1996. Chinese papaya exports compete directly against U.S. sales in Canada and Germany.

**For further information on supply, distribution, and trade, contact William Janis at 202-720-0897. For further information on U.S. marketing opportunities, contact Steve Shnitzler at 202-720-8495.)**

# FRESH PAPAYAS: PRODUCTION, IMPORTS, EXPORTS, AND APPARENT CONSUMPTION

Country/Calendar Year	Production 1/ Metric tons	Imports 1/ Metric tons	Exports 1/ Metric tons	Apparent Consumption 2/ Metric tons
<b>United States 3/</b>				
1990	31,071	5,207	11,518	24,760
1991	25,107	6,068	8,449	22,726
1992	32,341	10,475	8,106	34,710
1993	28,894	14,198	7,585	35,507
1994	28,123	18,677	8,293	38,507
1995	23,043	33,288	7,827	48,504
1996	18,960	57,196	8,015	68,141
1997	18,597	48,201	6,279	60,519
<b>Mexico</b>				
1990	249,545	0	4,805	244,740
1991	342,035	0	4,810	337,225
1992	474,193	1	9,499	464,695
1993	450,000	0	11,615	438,385
1994	460,000	0	16,855	443,145
1995	482,968	0	36,407	446,561
1996 4/	390,956	0	60,000	330,956
1997	N.A.	N.A.	N.A.	N.A.
<b>China</b>				
1990	82,300	0	0	82,300
1991	125,404	0	0	125,404
1992	125,360	30	593	124,797
1993	155,674	18	347	155,345
1994	120,426	17	746	119,697
1995	142,332	75	223	142,184
1996	142,832	985	142	143,675
1997	N.A.	N.A.	N.A.	N.A.
<b>Indonesia</b>				
1990	349,561	0	109	349,452
1991	352,651	0	58	352,593
1992	406,580	40	9	406,611
1993	422,400	0	2	422,398
1994	371,411	0	0	371,411
1995	597,149	0	4	597,145
1996	597,149	2	14	597,137
1997	N.A.	N.A.	N.A.	N.A.
<b>TOTAL</b>				
1990	712,477	5,207	16,432	701,252
1991	845,197	6,068	13,317	837,948
1992	1,038,474	10,546	18,207	1,030,813
1993	1,056,968	14,216	19,549	1,051,635
1994	979,960	18,694	25,894	972,760
1995	1,245,492	33,363	44,461	1,234,394
1996	1,149,897	58,183	68,171	1,139,909
1997	N.A.	N.A.	N.A.	N.A.

1/ Data from the Food and Agricultural Organization of the United Nations for production, import, and export data for all countries, except the United States.

2/ Apparent consumption is production, plus imports, and less exports.

3/ USDA, National Agricultural Statistics Service for U.S. production data. Bureau of Census, U.S. Department of Commerce for both import and export data.

4/ FAS estimated 1996 Mexican exports based on the 1996 increase in U.S. imports of Mexican papayas.



U.S. Exports of Selected Horticultural Products

Product and Country		Quantity					Values (1000 Dollars)				
Country Region	Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997	Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997	
Fresh Apples	MT										
Canada	8,007	8,894	35,902	42,219	88,955	5,972	6,910	27,209	31,861	63,812	
Mexico	8,959	2,284	25,880	6,336	93,537	4,180	1,362	12,444	3,680	46,524	
Indonesia	4,629	20	21,758	7,335	73,491	3,055	8	14,928	4,561	42,923	
Hong Kong	5,536	4,730	22,680	21,677	46,878	3,300	2,738	13,688	12,659	27,052	
Taiwan	8,590	4,361	79,639	70,612	113,819	6,771	2,534	53,599	46,152	74,674	
Other Countries	19,867	13,947	161,793	119,257	273,069	12,207	8,146	93,549	67,057	157,386	
Subtotal:----	55,589	34,236	347,652	267,436	689,749	35,485	21,698	215,417	165,971	412,371	
Fresh Pears	MT										
European Union	112	384	6,856	19,017	7,471	60	163	3,257	8,754	3,539	
Canada	2,207	3,074	18,828	26,375	40,526	1,920	2,183	16,180	16,739	30,807	
Mexico	2,590	4,393	14,397	19,855	34,021	1,125	2,231	6,952	10,021	16,380	
Brazil	41	0	16,781	14,942	19,378	16	0	7,197	6,198	8,660	
Taiwan	411	300	3,650	2,042	5,215	245	175	2,376	964	3,207	
Other Countries	1,352	2,020	15,051	18,383	19,798	952	1,404	10,527	10,470	13,460	
Subtotal:----	6,713	10,171	75,562	100,613	126,409	4,317	6,156	46,489	53,147	76,052	
Fresh Apricots	MT										
European Union	17	0	18	0	286	16	0	35	0	408	
Canada	15	0	122	125	4,366	17	0	154	183	4,597	
Mexico	0	0	52	44	1,224	0	0	46	34	986	
Taiwan	0	0	0	577	372	0	0	0	616	394	
Japan	0	0	10	15	85	0	0	39	29	97	
Other Countries	0	0	73	129	271	0	0	68	89	256	
Subtotal:----	31	0	275	890	6,604	33	0	341	952	6,738	
Fresh Cherries	MT										
European Union	942	360	2,473	2,648	10,369	750	278	2,009	2,069	21,988	
Canada	0	14	89	81	7,263	0	17	221	176	17,824	
Hong Kong	0	0	1	36	2,764	0	0	18	22	6,989	
Taiwan	0	0	11	103	4,917	0	0	50	437	15,536	
Japan	0	0	2	76	13,003	0	0	17	329	74,257	
Other Countries	9	30	36	199	1,085	35	65	134	417	3,548	
Subtotal:----	951	405	2,612	3,144	39,400	785	360	2,449	3,450	140,144	
Fresh Peach/Nect	MT										
Canada	274	342	1,256	1,420	51,869	366	450	1,650	1,751	44,366	
Mexico	0	10	1,210	2,122	15,270	0	7	692	1,264	7,451	
Brazil	0	0	58	0	843	0	0	56	0	713	
Hong Kong	0	0	60	199	3,668	0	0	50	147	2,817	
Taiwan	0	0	15	120	26,329	0	0	25	229	32,499	
Other Countries	17	1	325	498	5,366	33	4	392	384	4,892	
Subtotal:----	290	353	2,924	4,358	103,345	399	460	2,864	3,774	92,737	
Fr. Plums/Prunes	MT										
Canada	180	242	695	1,385	25,023	307	331	1,024	1,580	21,232	
Mexico	0	0	538	363	4,796	0	0	319	248	2,862	
Malaysia	0	0	2	35	1,675	0	0	3	42	1,281	
Hong Kong	0	0	285	120	12,147	0	0	290	173	11,067	
Taiwan	0	0	75	139	20,835	0	0	74	147	18,123	
Other Countries	2	14	640	915	7,430	6	20	746	857	6,659	
Subtotal:----	182	255	2,234	2,956	71,906	313	350	2,456	3,048	61,224	
Fresh Grapes	MT										
Canada	596	550	22,081	28,349	91,966	973	1,144	34,380	40,468	116,808	
Mexico	0	191	7,386	19,592	12,706	0	172	7,783	17,592	12,752	
Philippines	0	55	7,172	10,640	12,592	0	63	10,425	11,565	16,740	
Hong Kong	64	179	13,206	24,329	47,881	23	414	21,401	33,245	65,970	
Taiwan	25	20	6,110	3,024	15,107	38	7	7,442	3,439	18,995	
Other Countries	185	408	26,136	36,566	53,305	175	478	40,596	48,670	78,463	
Subtotal:----	870	1,404	82,092	122,499	233,558	1,209	2,279	122,027	154,979	309,727	
Fr. Avocados	MT										
European Union	139	0	2,226	55	2,501	266	0	2,032	158	2,817	
Canada	53	40	567	499	1,316	50	44	553	569	1,518	
Korea, Republic o	6	0	51	23	91	9	0	94	37	175	
Hong Kong	1	5	1	5	80	5	18	5	18	135	
Japan	50	0	55	0	1,784	116	0	119	0	3,473	
Other Countries	12	3	35	91	48	41	10	60	145	96	
Subtotal:----	261	48	2,935	673	5,819	488	72	2,864	927	8,215	
Fr. Kiwifruit	MT										
Canada	350	552	1,495	2,758	3,246	393	786	1,581	3,281	3,449	
Mexico	103	172	157	437	303	97	133	150	335	268	
Russian Federatio	33	0	33	19	71	30	0	30	21	70	
Korea, Republic o	268	0	1,334	0	1,558	518	0	2,364	0	2,787	
Hong Kong	30	69	163	148	213	59	132	296	257	383	
Other Countries	0	233	22	588	47	0	464	56	866	79	
Subtotal:----	783	1,025	3,203	3,949	5,438	1,096	1,515	4,477	4,759	7,036	

## U.S. Exports of Selected Horticultural Products

Product and Country		Quantity					Values (1000 Dollars)				
Country Region	Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997	Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997	
Fresh Strawberries MT											
European Union	90	60	531	709	3,622	234	164	1,524	1,909	9,212	
Canada	2,801	1,069	6,647	4,804	39,978	4,608	2,714	11,119	9,677	57,300	
Mexico	32	0	168	290	1,354	29	0	283	548	2,310	
Thailand	0	0	171	0	288	0	0	301	0	511	
Japan	3	0	2,249	2,121	6,858	5	0	8,947	8,074	26,262	
Other Countries	23	44	176	192	514	59	147	521	535	1,414	
Subtotal:----	2,948	1,173	9,941	8,117	52,615	4,936	3,025	22,694	20,742	97,010	
Fresh Oranges Inc Tmpl MT											
Canada	27,401	27,512	91,558	93,824	198,847	13,494	13,044	46,282	44,708	102,434	
Malaysia	1,957	1,660	4,803	3,259	21,343	1,230	946	2,807	1,733	11,689	
Korea, Republic o	5,834	1,533	8,538	4,254	31,760	3,307	900	5,534	2,630	20,739	
Hong Kong	12,770	12,871	42,153	60,728	133,150	6,658	7,466	23,849	37,643	75,655	
Japan	16,985	9,732	37,413	29,424	123,521	9,566	5,018	22,233	17,478	69,023	
Other Countries	8,138	5,974	26,236	23,702	81,807	4,412	3,232	14,735	13,097	43,663	
Subtotal:----	73,086	59,282	210,702	215,191	590,428	38,667	30,606	115,439	117,289	323,203	
Fresh Grapefruit MT											
European Union	26,747	22,479	94,385	104,049	140,246	12,054	8,999	41,183	41,500	60,956	
Canada	8,114	4,497	39,489	29,692	74,982	3,011	2,887	15,327	14,647	29,244	
Hong Kong	988	302	4,973	1,481	7,587	570	134	2,767	763	4,319	
Taiwan	2,472	787	4,983	1,182	26,174	1,036	312	2,447	511	11,711	
Japan	44,827	31,442	106,061	80,468	221,912	25,303	16,466	61,673	45,107	124,930	
Other Countries	1,829	584	6,182	3,185	13,501	1,012	309	5,191	1,791	9,247	
Subtotal:----	84,977	60,090	256,074	220,057	484,403	42,986	29,107	128,588	104,318	240,408	
Fresh Lemons MT											
European Union	251	134	452	629	1,184	347	130	507	382	926	
Canada	2,257	2,211	11,226	10,925	22,736	1,201	1,029	7,436	5,703	15,242	
Korea, Republic o	211	112	1,208	905	3,877	192	59	1,149	773	3,810	
Hong Kong	688	1,245	4,511	6,053	8,744	449	620	2,702	3,907	6,070	
Japan	7,471	5,607	38,822	31,681	79,266	7,585	3,270	44,459	30,685	91,439	
Other Countries	632	1,123	2,747	4,787	4,472	426	749	2,127	3,319	3,169	
Subtotal:----	11,511	10,431	58,967	54,980	120,279	10,200	5,858	58,381	44,769	120,656	
Fresh Tang/Mand MT											
European Union	1,164	392	1,330	441	2,024	742	236	833	276	1,382	
Canada	1,302	1,943	11,147	10,372	13,361	1,177	1,378	9,100	7,900	11,025	
Korea, Republic o	0	0	435	369	3,535	0	0	386	324	3,089	
Japan	784	106	1,168	160	2,726	709	107	1,148	145	2,401	
Australia	171	36	668	624	692	193	24	557	400	581	
Other Countries	109	96	526	749	695	100	79	518	558	733	
Subtotal:----	3,531	2,572	15,272	12,714	23,033	2,922	1,824	12,543	9,603	19,209	
Canned Peaches MT											
Canada	367	624	1,831	3,386	4,954	380	597	2,025	3,127	5,297	
Russian Federatio	34	0	246	269	1,278	25	0	224	200	1,068	
Korea, Republic o	95	0	676	298	1,508	76	0	567	222	1,164	
Taiwan	0	19	361	315	1,249	0	4	303	290	1,013	
Japan	156	490	779	1,231	2,837	171	402	831	1,299	3,078	
Other Countries	489	621	2,663	3,179	5,047	421	557	2,610	3,065	4,907	
Subtotal:----	1,142	1,755	6,558	8,679	16,873	1,072	1,559	6,560	8,203	16,528	
Canned Pears MT											
European Union	65	0	198	81	438	57	0	166	69	364	
Canada	270	318	1,195	1,611	2,446	319	310	1,350	1,647	2,704	
Mexico	0	0	0	0	91	0	0	0	0	27	
Korea, Republic o	0	0	3	0	43	0	0	4	0	37	
Japan	3	12	85	208	163	3	19	107	239	181	
Other Countries	19	188	184	365	314	19	155	185	354	317	
Subtotal:----	356	519	1,666	2,265	3,494	399	484	1,812	2,309	3,630	
Fruit Mixtures MT											
Canada	710	553	3,275	4,036	7,713	706	612	3,613	4,370	8,453	
Singapore	90	80	891	320	1,789	122	74	1,048	364	2,173	
Philippines	24	73	1,192	363	1,419	30	78	1,400	349	1,729	
Hong Kong	52	159	514	217	1,183	60	167	624	266	1,437	
Japan	191	45	1,117	1,342	3,278	202	56	1,271	1,738	3,728	
Other Countries	533	702	2,846	4,080	7,094	644	909	3,464	6,057	9,534	
Subtotal:----	1,602	1,612	9,834	10,358	22,475	1,765	1,895	11,419	13,144	27,055	
Canned Pineapple MT											
European Union	326	16	574	386	1,124	291	14	532	368	1,030	
Canada	101	66	434	593	882	106	53	416	547	838	
Philippines	0	64	48	216	218	0	53	40	180	181	
Korea, Republic o	0	0	327	2	369	0	0	278	3	331	
Japan	167	0	323	143	526	131	0	291	178	516	
Other Countries	43	46	256	230	575	39	44	237	223	547	
Subtotal:----	638	192	1,961	1,571	3,694	567	164	1,793	1,499	3,443	

## U.S. Exports of Selected Horticultural Products

Product and Country		Quantity					Values (1000 Dollars)				
Country Region	Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997	Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997	
Oried Prunes	MT										
European Union	2,539	2,131	14,719	13,136	30,764	5,370	4,283	31,917	25,586	64,621	
Canada	357	286	1,717	1,766	4,137	763	602	3,798	3,769	8,860	
Netherlands Antil	233	309	393	1,863	2,199	588	703	956	3,238	5,552	
Singapore	281	63	1,461	1,019	3,182	540	114	2,513	2,149	5,657	
Japan	1,069	1,160	4,792	7,896	15,639	2,109	2,030	9,845	14,744	31,667	
Other Countries	979	621	5,869	4,607	11,614	1,769	1,042	11,094	8,349	22,042	
Subtotal:----	5,459	4,571	28,951	30,288	67,535	11,138	8,773	60,123	57,836	138,398	
Dried Figs	MT										
Canada	10	12	154	185	945	30	47	599	709	2,776	
Mexico	0	0	3	17	41	0	0	10	44	119	
China, Peoples Re	0	17	0	17	33	0	50	0	50	95	
Hong Kong	47	31	306	187	567	158	109	1,207	939	2,071	
Japan	53	23	186	225	363	132	79	574	684	1,193	
Other Countries	6	5	31	67	80	22	16	105	189	229	
Subtotal:----	115	88	681	697	2,027	342	301	2,494	2,615	6,483	
Oried Raisins	MT										
European Union	2,529	4,008	20,995	20,725	47,432	4,354	6,348	35,093	35,583	83,689	
Canada	652	820	4,039	4,282	11,436	1,382	1,652	8,058	8,505	22,589	
Hong Kong	463	365	2,427	2,064	4,371	925	610	5,066	3,830	8,769	
Taiwan	358	295	1,897	2,204	4,334	527	478	2,740	3,363	6,454	
Japan	981	1,629	13,991	9,821	25,836	1,726	2,464	23,360	15,669	43,712	
Other Countries	1,795	1,243	10,873	11,485	21,606	2,899	2,077	18,620	19,613	38,741	
Subtotal:----	6,778	8,359	54,220	50,581	115,016	11,813	13,630	92,937	86,563	203,954	
Oates	MT										
European Union	38	90	506	804	939	104	266	2,187	2,497	3,304	
Canada	21	44	456	534	811	71	110	1,444	1,412	2,337	
Switzerland	0	0	240	168	353	0	0	1,115	915	1,618	
Indonesia	0	0	234	26	234	0	0	693	82	693	
Australia	67	63	280	256	508	246	309	1,407	1,294	2,265	
Other Countries	35	23	616	681	983	86	46	1,292	1,293	1,915	
Subtotal:----	161	221	2,332	2,470	3,829	508	731	8,138	7,492	12,132	
Fcoj	KL										
European Union	2,766	14,757	46,125	47,943	205,417	1,399	6,052	20,577	22,414	80,212	
Canada	1,448	1,573	10,754	8,704	22,939	2,378	2,379	17,746	12,259	36,575	
Switzerland	21,200	0	21,200	77	54,032	4,397	0	4,397	36	10,500	
Korea, Republic o	2,054	467	8,968	2,614	20,003	1,235	430	5,527	2,153	11,363	
Japan	3,210	6,084	14,878	14,625	50,381	1,858	2,234	8,496	5,962	25,360	
Other Countries	2,402	2,159	13,045	12,901	29,153	1,257	785	6,496	5,208	13,624	
Subtotal:----	33,079	25,040	114,970	86,865	381,926	12,522	11,880	63,239	48,032	177,635	
Orange Juice NtCnc	KL										
European Union	2,091	13,222	12,971	23,560	29,297	1,405	1,452	8,532	8,368	18,968	
Canada	9,837	11,512	51,718	56,858	127,249	6,950	7,748	34,890	38,314	87,612	
Korea, Republic o	38	0	809	377	4,212	29	0	813	283	3,365	
Hong Kong	367	92	1,792	302	3,209	318	63	1,805	216	2,821	
Japan	94	275	550	2,258	2,524	73	225	446	1,655	1,913	
Other Countries	972	1,071	5,416	4,406	12,431	801	916	4,431	3,591	10,194	
Subtotal:----	13,398	26,173	73,256	87,761	178,921	9,575	10,404	50,917	52,427	124,874	
Grapefruit Juice Cnc	KL										
European Union	1,151	3,082	9,592	13,571	37,464	833	1,864	5,683	7,746	20,113	
Canada	246	219	1,278	1,130	3,399	332	376	1,862	1,659	4,611	
Mexico	0	0	283	69	497	0	0	217	49	389	
Israel	0	0	602	0	602	0	0	170	0	170	
Japan	1,067	901	5,512	4,665	17,137	1,196	815	4,373	2,981	13,908	
Other Countries	337	324	1,135	1,414	3,378	194	96	721	620	2,301	
Subtotal:----	2,801	4,526	18,403	20,848	62,477	2,556	3,150	13,025	13,055	41,493	
Fresh Asparagus	MT										
European Union	55	74	119	164	737	194	321	346	682	1,980	
Canada	404	489	1,160	1,154	6,289	1,227	1,451	3,406	3,553	16,883	
Mexico	0	42	18	67	53	0	59	43	92	125	
Switzerland	279	425	354	518	1,423	877	1,473	1,104	1,860	4,468	
Japan	1,286	723	1,738	1,288	6,431	5,287	2,502	6,940	4,358	26,529	
Other Countries	10	15	29	33	226	43	41	91	97	703	
Subtotal:----	2,034	1,769	3,417	3,224	15,160	7,629	5,847	11,931	10,642	50,688	
Fresh Broccoli	MT										
Canada	8,769	9,828	35,352	38,291	73,326	6,003	5,847	23,839	25,075	45,436	
Mexico	10	16	396	220	634	7	18	291	243	558	
Hong Kong	165	334	909	1,264	6,603	200	254	859	1,088	5,778	
Taiwan	0	11	105	184	2,865	0	9	90	232	2,782	
Japan	3,143	4,069	13,344	15,210	46,184	2,866	3,243	11,101	12,786	37,009	
Other Countries	63	33	206	492	779	48	19	203	348	652	
Subtotal:----	12,151	14,290	50,312	55,660	130,391	9,124	9,389	36,384	39,772	92,215	

U.S. Exports of Selected Horticultural Products

Product and Country		Quantity					Values (1000 Dollars)				
		Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997	Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997
Fresh Carrots MT											
Canada		5,601	7,308	19,411	26,524	87,276	3,159	4,094	11,990	15,804	42,416
Mexico		0	38	530	559	1,022	0	32	250	306	458
Trinidad and Toba		74	42	222	180	1,014	27	7	115	69	455
United Arab Emira		353	231	1,392	1,635	3,368	138	88	480	593	1,227
Japan		74	11	657	176	1,342	110	16	750	200	1,363
Other Countries		380	476	2,085	2,687	6,000	212	266	1,076	1,337	3,168
Subtotal:----		6,483	8,107	24,297	31,760	100,022	3,645	4,503	14,661	18,308	49,087
Fresh Lettuce MT											
Canada		23,446	23,825	116,957	120,103	242,280	9,559	10,202	55,742	70,822	117,746
Mexico		568	702	5,812	5,593	19,251	204	256	2,314	2,207	7,571
Singapore		232	306	1,417	1,222	3,522	169	207	957	998	2,366
Hong Kong		762	1,062	4,454	4,743	18,490	419	559	2,540	2,995	10,905
Taiwan		0	29	292	309	3,496	0	14	170	181	2,101
Other Countries		683	355	2,729	3,427	7,442	712	294	2,721	2,736	5,922
Subtotal:----		25,691	26,279	131,661	135,396	294,482	11,062	11,532	64,444	79,940	146,612
Fresh Onions MT											
Canada		8,071	8,310	41,850	45,185	118,736	2,486	3,902	14,350	17,738	42,172
Mexico		178	6,606	9,159	14,755	15,570	104	2,220	3,919	5,413	6,444
Korea, Republic o		1,035	0	12,971	49	14,022	2,498	0	8,196	52	8,698
Taiwan		58	60	7,709	7,718	15,217	11	16	2,072	2,218	4,497
Japan		5,129	12,349	50,286	70,486	69,440	1,188	4,084	12,048	17,865	17,261
Other Countries		1,500	3,222	15,826	23,007	32,136	937	1,921	7,182	9,958	13,392
Subtotal:----		15,969	30,547	137,802	161,201	265,121	7,224	12,143	47,766	53,243	92,464
Fresh Tomatoes MT											
European Union		0	98	0	116	3,743	0	174	0	218	7,781
Canada		6,269	6,226	52,616	51,774	132,734	6,453	6,357	42,954	48,105	103,461
Mexico		0	0	1,131	2,783	15,867	0	0	928	2,799	11,491
Hong Kong		0	0	0	0	356	0	0	0	0	175
Japan		0	25	0	239	174	0	20	0	173	106
Other Countries		35	62	295	304	776	48	61	258	280	770
Subtotal:----		6,304	6,411	54,043	55,216	153,650	6,500	6,613	44,141	51,574	123,783
Canned Tomato Paste MT											
European Union		2,495	2,777	4,410	13,180	15,390	1,077	1,257	2,111	6,301	6,222
Canada		4,510	2,761	20,195	16,923	47,236	3,353	1,981	15,412	12,048	34,943
Brazil		3,869	0	17,109	0	27,396	2,520	0	11,320	0	17,915
Korea, Republic o		359	606	2,650	4,161	8,310	317	460	2,247	3,366	6,910
Japan		194	1,218	3,548	7,360	9,533	199	671	2,758	5,210	7,720
Other Countries		1,550	3,584	9,097	17,228	21,089	1,090	2,406	6,749	11,923	15,608
Subtotal:----		12,976	10,946	57,009	58,853	128,954	8,555	6,775	40,598	38,849	89,320
Canned Tomato Sauce MT											
European Union		396	502	2,014	3,156	4,999	610	617	2,625	3,906	6,459
Canada		3,041	7,019	22,815	29,087	59,272	3,187	5,969	21,095	25,859	54,848
Mexico		300	636	1,956	3,489	5,927	242	498	1,531	2,543	4,618
Korea, Republic o		121	214	519	962	1,688	114	207	469	823	1,569
Japan		389	250	2,289	1,846	5,749	561	264	3,053	1,826	6,442
Other Countries		664	986	3,320	6,084	10,474	721	1,115	3,663	6,290	11,011
Subtotal:----		4,911	9,607	32,914	44,623	88,108	5,434	8,670	32,437	41,247	84,947
Canned Sweet Corn MT											
European Union		2,682	2,365	15,903	15,365	40,865	1,843	1,622	10,477	10,627	29,046
Korea, Republic o		1,262	229	6,816	5,824	18,282	1,280	234	7,015	5,959	18,331
Hong Kong		1,305	280	9,307	2,075	22,410	1,084	298	7,652	1,704	18,279
Taiwan		1,428	2,266	7,758	9,522	23,509	1,229	1,910	6,865	8,351	20,998
Japan		6,316	4,351	27,447	21,313	64,852	5,111	3,533	22,608	17,436	53,779
Other Countries		2,094	2,313	11,585	12,924	33,551	1,832	1,733	9,802	9,690	26,919
Subtotal:----		15,086	11,805	78,816	67,023	203,469	12,379	9,331	64,418	53,769	167,353
Frozen French Fries MT											
Philippines		1,774	1,904	7,042	8,275	18,645	1,235	1,310	4,968	5,679	13,390
Korea, Republic o		2,151	881	11,283	8,086	28,494	1,598	543	8,293	5,224	21,023
Hong Kong		2,167	2,260	11,269	11,443	27,293	1,457	1,495	7,500	7,649	18,247
Taiwan		1,528	2,006	8,398	10,050	21,128	963	1,308	5,582	6,554	14,121
Japan		17,171	17,376	84,952	89,605	200,342	12,376	12,435	63,026	62,223	147,601
Other Countries		6,939	7,506	40,616	45,848	100,773	5,410	5,879	31,773	36,212	79,954
Subtotal:----		31,731	31,933	163,560	173,307	396,674	23,039	22,970	121,142	123,541	294,335
Frozen Sweet Corn MT											
European Union		453	503	1,162	1,928	2,816	301	377	818	1,394	1,926
Canada		851	120	1,361	647	4,690	605	84	1,039	473	3,542
Mexico		0	309	199	1,727	2,114	0	181	111	1,001	983
Hong Kong		309	135	2,055	1,955	5,142	235	108	1,451	1,443	3,703
Japan		3,069	2,972	15,936	20,157	40,865	2,647	2,647	14,419	17,344	38,092
Other Countries		734	827	4,331	6,080	9,574	647	628	3,796	4,931	7,965
Subtotal:----		5,415	4,866	25,044	32,493	65,202	4,435	4,026	21,634	26,585	56,212



U.S. Exports of Selected Horticultural Products

Product and Country		Quantity					Values (1000 Dollars)				
Country Region	Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997	Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997	
Almonds Unshelled MT											
European Union	398	380	4,192	4,018	6,043	966	873	9,956	9,459	14,259	
India	764	418	4,439	4,319	13,609	1,837	1,355	10,814	12,499	36,783	
Hong Kong	0	41	422	405	666	0	140	1,084	1,058	1,665	
Taiwan	133	0	521	235	541	322	0	1,276	748	1,347	
Japan	68	231	689	1,729	1,136	165	548	1,742	4,291	2,820	
Other Countries	27	251	1,566	2,604	2,740	97	704	3,749	6,044	6,785	
Subtotal:----	1,390	1,322	11,830	13,310	24,735	3,387	3,619	28,621	34,098	63,658	
Almonds Shelled/Prep MT											
European Union	7,033	7,072	54,157	48,671	105,022	39,003	26,984	274,098	188,889	519,178	
Canada	496	486	3,515	4,151	8,421	2,939	1,966	18,056	16,232	40,499	
Mexico	173	205	1,727	2,323	3,944	438	434	3,931	5,281	10,276	
Switzerland	258	194	1,383	1,449	3,317	1,572	775	7,899	5,846	18,549	
Japan	1,688	1,427	8,862	10,326	16,483	10,027	5,641	51,350	43,267	95,101	
Other Countries	1,286	1,925	12,494	15,716	26,389	6,955	8,097	65,171	66,454	132,484	
Subtotal:----	10,933	11,309	82,139	82,634	163,576	60,933	43,896	420,505	325,970	816,088	
Walnuts, Shelled MT											
European Union	257	375	2,789	4,148	4,444	952	1,197	6,783	8,752	11,119	
Canada	65	261	1,474	1,120	3,131	211	883	4,416	4,097	8,869	
Brazil	142	10	1,134	328	1,319	143	61	1,840	638	2,036	
Israel	189	156	857	1,747	1,309	699	677	4,044	6,366	6,136	
Japan	560	278	4,369	2,683	10,218	1,881	1,405	18,424	13,701	32,570	
Other Countries	272	158	1,563	2,471	3,515	1,340	681	6,622	7,753	12,746	
Subtotal:----	1,484	1,238	12,186	12,498	23,936	5,226	4,904	42,129	41,306	73,476	
Walnuts, Unshelled MT											
European Union	69	153	41,349	27,069	48,664	124	245	89,058	52,474	104,206	
Canada	39	36	1,302	1,339	1,476	86	60	3,092	2,678	3,478	
Brazil	0	0	1,698	877	1,698	0	0	3,750	1,848	3,750	
Israel	19	241	1,121	871	1,344	43	422	2,085	1,546	2,464	
Japan	121	116	742	336	938	200	193	1,270	577	1,591	
Other Countries	45	97	2,433	2,707	3,068	102	203	4,945	5,290	6,269	
Subtotal:----	293	643	48,645	33,198	57,187	556	1,123	104,199	64,414	121,757	
Hop Pellets MT											
European Union	253	245	764	776	1,080	1,870	1,488	5,079	4,230	6,810	
Canada	99	18	600	504	1,631	594	116	4,040	3,089	10,643	
Colombia	0	175	19	293	323	0	1,951	295	2,810	2,956	
Brazil	545	108	1,582	406	1,830	2,475	657	6,209	1,598	7,765	
Japan	12	28	166	150	239	47	124	607	579	870	
Other Countries	74	49	404	621	1,017	287	291	1,657	2,312	4,691	
Subtotal:----	983	623	3,534	2,750	6,120	5,273	4,628	17,887	14,617	33,737	
Hop Extract MT											
European Union	78	102	698	522	1,229	1,215	1,546	10,792	7,145	18,313	
Mexico	56	0	340	477	643	1,310	0	8,009	11,311	12,219	
Brazil	57	0	224	205	529	941	0	2,570	3,267	9,274	
Argentina	12	15	23	49	168	367	185	519	988	1,612	
Hong Kong	4	0	38	-	127	42	0	343	6	1,373	
Other Countries	76	41	349	464	772	1,150	557	5,839	6,350	14,289	
Subtotal:----	283	158	1,672	1,717	3,468	5,025	2,288	28,072	29,066	57,080	
Hops, Nspf MT											
European Union	169	101	879	804	1,202	687	383	3,978	3,594	5,413	
Mexico	0	18	0	53	73	0	110	0	308	423	
Brazil	0	-	7	15	113	0	22	68	532	454	
Philippines	0	0	40	0	41	0	0	701	0	713	
Japan	1	0	198	41	276	14	0	835	557	1,164	
Other Countries	35	16	73	51	183	136	142	399	345	1,477	
Subtotal:----	205	135	1,198	962	1,888	837	656	5,982	5,336	9,644	
Grape Wine KL											
European Union	5,711	7,021	27,411	34,426	89,715	12,265	16,533	56,216	71,436	184,575	
Canada	2,931	3,429	14,222	14,853	34,618	5,572	6,152	31,425	31,409	72,909	
Switzerland	591	1,127	3,312	5,383	8,760	959	2,410	5,639	10,440	15,339	
Hong Kong	451	241	2,021	2,422	6,896	831	431	3,678	3,990	10,908	
Japan	1,517	5,181	7,666	15,578	20,691	2,278	12,498	12,210	29,446	31,573	
Other Countries	2,907	2,065	13,984	14,501	33,719	4,588	3,475	21,645	23,040	52,856	
Subtotal:----	14,108	19,065	68,616	87,162	194,399	26,494	41,499	130,813	169,761	368,160	
Essential Oils MT											
European Union	1,016	851	4,257	5,462	12,637	13,778	13,016	65,820	70,232	176,375	
Canada	662	471	2,870	2,447	7,521	8,919	7,001	35,767	34,177	96,992	
Mexico	407	247	3,203	1,768	4,992	3,001	2,812	14,779	15,517	37,476	
Hong Kong	197	550	958	1,436	2,167	2,118	2,409	10,404	9,870	25,592	
Japan	328	293	1,704	1,395	4,253	7,782	4,374	71,268	17,824	138,718	
Other Countries	1,232	1,247	5,785	5,059	14,696	11,015	11,037	55,635	53,294	144,235	
Subtotal:----	3,840	3,660	18,777	17,567	46,266	46,612	40,649	253,674	200,914	619,388	

U.S. Imports of Selected Horticultural Products

Product and Country		Quantity					Values (1000 Dollars)				
Country Region	Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997	Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997	
Fresh Apples	MT										
Canada	4,323	3,893	49,911	39,317	72,932	2,170	1,613	17,755	13,683	27,000	
Chile	1,257	424	1,257	424	26,611	664	261	664	261	14,386	
New Zealand	0	17	0	17	52,508	0	20	0	20	33,322	
Other Countries	259	42	259	50	16,514	328	155	328	162	8,028	
Subtotal:----	5,839	4,376	51,426	39,808	168,564	3,162	2,049	18,748	14,126	82,736	
Fresh Pears	MT										
Chile	9,681	4,776	10,844	5,018	37,216	5,416	2,728	6,045	2,892	18,537	
Argentina	14,367	10,661	14,367	10,661	31,230	10,678	7,422	10,678	7,422	21,123	
New Zealand	0	10	54	10	3,907	0	4	216	4	3,315	
Other Countries	113	306	1,599	1,931	6,168	98	290	3,839	4,415	7,330	
Subtotal:----	24,161	15,752	26,864	17,620	78,521	16,191	10,444	20,777	14,733	50,306	
Fresh Apricots	MT										
Chile	22	0	991	679	1,011	29	0	1,118	1,005	1,146	
Turkey	0	0	0	1	18	0	0	0	4	44	
New Zealand	132	91	245	170	245	410	358	656	568	656	
Other Countries	0	0	29	0	39	0	0	105	0	118	
Subtotal:----	153	91	1,265	850	1,313	439	358	1,879	1,577	1,964	
Fresh Peach/Nect	MT										
Canada	0	0	16	0	333	0	0	14	0	316	
Mexico	0	0	0	0	62	0	0	0	0	60	
Chile	11,813	0	34,271	6,756	41,216	8,423	0	27,262	6,427	32,464	
Other Countries	0	0	43	14	60	0	0	30	11	61	
Subtotal:----	11,813	0	34,330	6,771	41,672	8,423	0	27,305	6,438	32,901	
Fr. Plums/Prunes	MT										
Leeward-Windward	0	0	39	69	92	0	0	38	60	98	
Chile	7,400	6,698	13,370	14,711	22,684	7,511	5,152	13,452	13,430	20,724	
South Africa, Rep	0	97	0	97	53	0	27	0	27	55	
Other Countries	30	20	50	26	94	32	33	62	50	145	
Subtotal:----	7,430	6,815	13,459	14,903	22,923	7,543	5,212	13,552	13,567	21,023	
Fresh Grapes	MT										
Mexico	0	0	0	0	75,713	0	0	0	0	95,442	
Chile	71,929	77,877	168,998	164,472	264,609	59,162	73,060	192,087	169,183	280,190	
South Africa, Rep	2,064	4,693	2,159	4,950	7,437	2,255	7,251	2,389	7,593	8,676	
Other Countries	0	173	2,819	3,552	3,808	0	228	1,473	2,434	1,875	
Subtotal:----	73,993	82,743	173,976	172,974	351,567	61,417	80,540	195,949	179,210	386,183	
Raspberries	MT										
Canada	0	0	1	15	4,206	0	0	5	33	5,860	
Mexico	31	66	187	295	266	338	320	1,526	1,374	2,327	
Chile	319	265	818	505	1,387	680	333	1,811	677	3,017	
Other Countries	2	0	116	51	199	5	0	239	144	451	
Subtotal:----	352	331	1,121	866	6,059	1,023	652	3,581	2,229	11,655	
Fresh Strawberries	MT										
Canada	0	0	0	0	88	0	0	0	0	186	
Mexico	2,840	2,769	6,409	5,832	14,459	5,391	6,224	11,213	12,248	24,496	
New Zealand	0	0	544	573	544	0	0	1,926	1,989	1,926	
Other Countries	2	1	109	61	111	9	3	225	223	237	
Subtotal:----	2,842	2,770	7,063	6,467	15,203	5,400	6,227	13,364	14,460	26,844	
Fresh Avocados	MT										
Mexico	130	2,073	730	6,588	1,841	124	2,336	742	9,518	1,791	
Dominican Republi	661	229	6,616	4,385	7,405	656	294	4,593	3,378	5,277	
Chile	0	0	12,369	9,756	17,748	0	0	12,602	10,323	18,203	
Other Countries	45	36	244	593	674	52	37	338	1,118	721	
Subtotal:----	836	2,337	19,959	21,322	27,667	832	2,667	18,275	24,337	25,993	
Bananas	MT										
Honduras	46,873	42,927	223,445	240,575	547,556	11,740	11,065	57,059	60,201	143,174	
Costa Rica	69,298	69,309	402,571	361,684	983,120	21,793	17,977	127,141	101,452	312,764	
Ecuador	70,762	96,622	348,707	392,922	863,439	21,502	26,895	102,437	113,450	265,046	
Other Countries	90,856	115,849	498,024	594,560	1,333,792	26,849	29,354	145,566	156,735	401,763	
Subtotal:----	277,789	324,706	1,472,748	1,589,741	3,727,906	81,883	85,292	432,203	431,838	1,122,747	
Mangoes	MT										
Mexico	1,350	1,551	1,350	1,551	157,870	1,465	1,437	1,465	1,437	97,063	
Guatemala	0	12	0	15	6,766	0	6	0	9	2,851	
Haiti	11	336	469	489	10,607	5	236	279	352	7,186	
Other Countries	1,131	537	13,535	7,013	15,872	1,245	1,009	13,106	8,486	15,909	
Subtotal:----	2,491	2,437	15,354	9,068	191,115	2,715	2,687	14,850	10,285	123,009	
Pineapple	MT										
Mexico	905	1,759	2,729	6,743	13,055	242	498	832	1,936	3,721	
Honduras	1,618	2,383	7,202	10,297	22,504	460	659	2,054	2,944	6,459	
Costa Rica	8,270	11,713	44,538	80,622	124,262	3,702	2,900	20,873	29,477	56,057	
Other Countries	721	517	5,193	2,960	11,433	434	367	3,760	2,176	8,204	
Subtotal:----	11,514	16,372	59,661	100,622	171,253	4,838	4,424	27,519	36,533	74,441	

May 1998

52

World Horticultural Trade &  
U.S. Export Opportunities

U.S. Imports of Selected Horticultural Products

Product and Country		Quantity					Values (1000 Dollars)				
Country Region	Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997		Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997
<b>Cantaloupe MT</b>											
Mexico	9,611	4,433	46,940	44,335	146,007		3,658	1,317	20,391	13,503	57,502
Guatemala	3,372	4,296	26,394	36,508	66,739		1,206	1,176	9,125	11,311	21,621
Honduras	15,126	13,296	40,360	45,783	92,458		3,029	3,097	8,149	11,355	16,626
Other Countries	18,798	21,658	32,509	40,898	90,899		7,397	5,535	12,447	9,601	34,627
Subtotal:----	46,907	43,683	146,202	167,524	396,103		15,290	11,125	50,113	45,770	130,376
<b>Other Melons MT</b>											
Mexico	19,048	17,563	91,311	99,308	275,579		4,070	6,127	23,973	29,323	62,073
Honduras	5,960	6,030	11,953	15,740	32,643		1,265	1,465	2,458	4,323	5,829
Costa Rica	5,754	7,672	6,547	11,532	27,345		2,111	2,754	2,410	4,311	10,627
Other Countries	5,450	7,620	22,452	22,848	47,336		2,247	2,845	7,955	7,686	17,597
Subtotal:----	36,213	38,884	132,262	149,428	382,903		9,693	13,192	36,797	45,643	96,126
<b>Fr. Orng Inc Tmpl MT</b>											
Mexico	1,309	950	4,033	2,903	10,288		568	413	1,959	1,077	4,415
Dominican Republi	54	66	514	266	3,155		14	25	203	118	1,249
Australia	0	0	27	297	15,127		0	0	35	613	20,583
Other Countries	609	347	721	2,294	1,083		196	152	263	1,978	510
Subtotal:----	1,973	1,363	5,295	5,760	29,653		778	590	2,460	3,786	26,756
<b>Canned Mandarins MT</b>											
European Union	2,236	3,841	8,168	8,337	23,398		2,405	2,937	8,130	6,575	23,464
Mexico	124	142	578	777	1,686		138	161	599	836	1,789
China, Peoples Re	2,891	3,141	9,458	13,804	30,572		2,860	2,628	9,418	12,109	28,581
Other Countries	35	59	262	245	634		53	84	377	341	949
Subtotal:----	5,286	7,183	18,466	23,163	56,289		5,455	5,811	18,525	19,862	54,784
<b>Canned Black Olive MIXED</b>											
Mexico	0	0	248,000	987,021	6,112,150		0	0	119	634	3,156
Israel	11,200	14,263	22,400	36,663	193,880		24	7	50	60	367
Morocco	13,463	0	30,824	111,732	211,232		21	0	59	117	279
Other Countries	42,563	44,707	93,771	197,722	235,227		119	72	242	400	588
Subtotal:----	67,226	58,970	394,995	1,333,138	6,752,489		164	79	470	1,212	4,390
<b>Canned Green Olive MIXED</b>											
European Union	4,251,905	5,567,728	24,407,184	29,462,369	60,353,438		11,085	12,035	65,356	67,215	153,846
Turkey	165,471	119,633	461,178	546,595	1,937,911		245	191	679	820	2,810
Morocco	617,819	649,424	3,188,626	4,068,184	11,438,714		1,147	1,149	6,255	7,055	21,052
Other Countries	59,141	125,648	374,695	538,815	1,033,607		148	255	959	1,013	2,153
Subtotal:----	5,094,336	6,462,433	28,431,683	34,615,963	74,763,670		12,626	13,630	73,249	76,103	179,860
<b>Canned Peaches MT</b>											
European Union	1,553	1,242	13,993	7,485	24,296		1,055	807	9,274	4,988	16,031
Chile	54	0	306	3	1,254		39	0	203	4	895
South Africa, Rep	36	285	1,225	1,196	3,457		23	196	783	875	2,413
Other Countries	2	0	142	125	476		3	0	129	87	370
Subtotal:----	1,645	1,526	15,665	8,809	29,483		1,120	1,003	10,389	5,953	19,709
<b>Canned Pineapple MT</b>											
Thailand	6,766	3,822	23,921	17,695	76,059		4,362	2,724	15,507	12,486	51,135
Indonesia	3,276	4,352	22,961	29,654	63,076		2,504	3,342	17,904	23,004	49,351
Philippines	9,852	11,276	53,360	54,387	124,332		6,595	8,657	35,267	40,172	82,478
Other Countries	1,461	2,228	11,430	13,692	30,946		1,185	1,637	8,693	10,232	23,654
Subtotal:----	21,355	21,677	111,672	115,429	294,413		14,645	16,361	77,372	85,893	206,618
<b>Oried Apricots MT</b>											
Turkey	933	951	5,912	7,020	10,599		2,734	2,492	16,361	18,386	29,450
China, Peoples Re	0	0	121	105	293		0	0	222	242	605
Australia	0	0	27	19	137		0	0	76	109	516
Other Countries	1	0	167	107	209		2	4	393	304	487
Subtotal:----	934	952	6,226	7,250	11,237		2,736	2,497	17,052	19,041	31,058
<b>Oates MT</b>											
Mexico	0	0	85	91	148		0	0	125	138	231
Pakistan	316	294	1,064	1,201	1,937		313	274	992	1,169	1,778
China, Peoples Re	48	74	251	242	341		85	112	452	456	620
Other Countries	6	8	105	157	162		10	9	330	412	479
Subtotal:----	370	376	1,505	1,691	2,587		409	396	1,899	2,174	3,107
<b>Oried Figs MT</b>											
European Union	0	0	883	548	924		0	0	2,036	1,369	2,151
Mexico	0	0	213	79	395		0	0	556	99	959
Turkey	13	4	379	394	381		29	9	867	829	872
Other Countries	0	4	10	6	36		0	10	35	21	77
Subtotal:----	13	8	1,485	1,027	1,736		29	20	3,494	2,319	4,059
<b>Oried Raisins MT</b>											
Mexico	76	136	2,310	2,465	5,045		117	128	2,135	2,215	4,860
Chile	38	0	645	155	3,482		53	0	791	228	4,824
South Africa, Rep	88	88	375	716	1,165		98	127	425	1,020	1,505
Other Countries	191	29	464	736	1,715		219	51	572	774	2,002
Subtotal:----	394	254	3,794	4,073	11,407		488	306	3,923	4,237	13,190

U.S. Imports of Selected Horticultural Products

Product and Country		Quantity					Values (1000 Dollars)				
Country Region	Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997		Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997
Apple Juice	KL										
European Union	35,953	18,949	192,594	60,885	327,597		13,356	6,200	68,052	21,689	120,190
Argentina	636	14,523	21,636	133,480	259,968		183	2,740	5,977	30,927	65,864
Hungary	17,252	7,294	120,084	54,989	140,388		6,347	1,367	38,413	11,999	44,610
Other Countries	20,582	9,956	138,014	136,528	357,033		7,398	2,804	50,123	36,551	123,967
Subtotal:----	74,422	50,722	472,328	385,882	1,084,986		27,284	13,111	162,564	101,166	354,632
Fcoj	KL										
Mexico	4,192	25,722	49,342	74,757	188,382		963	6,110	12,330	15,783	43,267
Costa Rica	4,948	9,993	7,356	19,965	72,772		1,177	2,024	1,751	4,041	16,720
Brazil	67,398	40,876	497,232	351,496	731,512		14,257	6,509	108,545	55,168	148,961
Other Countries	15,501	2,127	39,769	9,500	107,210		3,877	578	9,465	2,366	24,130
Subtotal:-----	92,039	78,719	593,699	455,718	1,099,876		20,274	15,220	132,091	77,358	233,077
Grape Juice	KL										
Mexico	1,278	1,277	12,724	5,622	21,889		694	522	5,793	2,945	9,889
Brazil	455	221	7,599	4,931	21,816		169	96	2,842	2,131	9,341
Argentina	3,817	7,334	34,139	46,237	163,836		1,268	2,285	10,744	16,024	54,839
Other Countries	1,982	2,151	7,620	11,068	35,748		1,210	1,546	4,478	7,791	20,982
Subtotal:-----	7,531	10,984	62,082	67,858	243,290		3,341	4,449	23,856	28,891	95,051
Pineapple Juice, Con	KL										
Thailand	11,340	5,245	38,261	20,184	84,785		3,171	1,583	11,831	6,409	27,316
Indonesia	872	2,362	11,044	15,516	31,965		272	714	3,425	4,644	9,782
Philippines	10,461	5,114	53,134	35,316	104,714		2,171	1,170	10,820	8,743	21,680
Other Countries	2,065	1,722	10,836	8,214	25,565		683	520	3,854	2,316	8,994
Subtotal:-----	24,738	14,443	113,275	79,230	247,028		6,297	3,987	29,930	22,111	67,773
Frozen Strawberries	MT										
Canada	0	12	75	160	184		0	30	158	296	372
Mexico	2,020	2,446	4,938	3,578	22,049		1,958	2,365	4,470	3,502	19,156
China, Peoples Re	0	0	0	0	22		0	0	0	20	45
Other Countries	0	2	22	7	24		49	147	270	426	634
Subtotal:-----	2,021	2,460	5,036	3,745	22,279		2,007	2,543	4,898	4,245	20,207
Fresh Beans	MT										
Canada	0	17	101	31	1,631		0	25	56	35	950
Mexico	4,219	3,298	12,823	10,827	18,182		5,982	3,255	14,939	11,364	22,316
Guatemala	6	17	128	93	140		6	17	107	67	120
Other Countries	1	8	60	89	198		2	12	76	113	263
Subtotal:-----	4,226	3,339	13,112	11,038	20,150		5,990	3,309	15,178	11,580	23,648
Fresh Carrots	MT										
Canada	5,028	6,765	42,825	48,770	63,557		1,182	1,942	10,063	11,688	16,112
Mexico	932	1,479	9,538	9,003	35,613		212	329	1,668	1,971	6,073
Israel	20	0	76	0	96		14	0	53	0	73
Other Countries	0	37	142	165	204		0	43	38	124	95
Subtotal:-----	5,981	8,281	52,581	57,938	99,470		1,409	2,314	11,821	13,783	22,353
Fresh Cabbage	MT										
Canada	1,928	2,961	9,728	19,197	21,419		361	886	1,964	5,157	4,514
Mexico	879	1,008	3,663	9,270	7,855		125	258	603	1,982	1,372
Costa Rica	0	0	23	0	23		0	0	13	0	13
Other Countries	2	1	12	1	26		3	2	23	2	34
Subtotal:-----	2,809	3,969	13,426	28,468	29,323		489	1,147	2,603	7,142	5,932
Fresh Celery	MT										
Canada	0	0	858	1,120	4,300		0	0	227	364	1,508
Mexico	5,668	6,280	10,526	14,023	23,321		1,495	1,324	2,747	3,525	6,047
Dominican Republi	13	13	67	41	121		8	15	44	42	77
Other Countries	13	4	39	24	78		12	8	83	50	163
Subtotal:-----	5,694	6,297	11,490	15,208	27,820		1,515	1,347	3,100	3,981	7,796
Fresh Cucumbers	MT										
Canada	287	401	784	1,248	9,960		464	599	1,176	1,602	9,533
Mexico	42,550	43,016	183,914	177,996	285,254		11,674	22,537	52,627	72,719	88,569
Honduras	2,007	1,293	4,455	4,663	4,805		400	284	854	1,070	916
Other Countries	594	899	1,574	1,838	2,286		204	200	1,290	999	1,805
Subtotal:-----	45,439	45,609	190,727	185,746	302,306		12,742	23,619	55,947	76,389	100,823
Fresh Cauliflower	MT										
Canada	36	0	272	3,002	9,222		18	0	127	1,481	4,144
Mexico	201	770	684	5,494	1,559		57	334	226	1,847	503
Guatemala	0	0	0	0	28		0	0	0	0	30
Other Countries	0	0	2	0	40		0	0	3	0	29
Subtotal:-----	237	770	958	8,496	10,849		75	334	356	3,328	4,707
Fresh Garlic	MT										
European Union	0	0	380	321	1,080		0	0	737	610	1,896
Mexico	8	31	210	118	12,537		24	69	404	268	13,057
Argentina	1,090	1,826	1,822	3,970	2,115		1,642	2,519	2,702	5,370	3,177
Other Countries	458	484	1,122	898	1,838		727	750	1,425	1,235	2,531
Subtotal:-----	1,557	2,342	3,533	5,308	17,570		2,394	3,338	5,268	7,484	20,661



U.S. Imports of Selected Horticultural Products

Product and Country		Quantity					Values (1000 Dollars)				
Country	Feb	Feb	Oct-Feb	Oct-Feb	Oct-Sep	Feb	Feb	Oct-Feb	Oct-Feb	Oct-Sep	
Region	FY 1997	FY 1998	FY 1997	FY 1998	FY 1997	FY 1997	FY 1998	FY 1997	FY 1998	FY 1997	
<b>Onions, Exc Seed MT</b>											
Canada	1,251	3,062	12,982	14,769	22,717	301	881	3,540	3,938	6,644	
Mexico	24,812	21,270	70,679	65,415	213,277	9,160	11,929	50,113	61,878	108,813	
Peru	502	117	10,534	3,599	10,553	157	187	3,576	2,233	3,582	
Other Countries	1,326	2,078	8,403	5,765	13,438	603	1,162	4,131	3,929	7,484	
Subtotal:----	27,892	26,526	102,598	89,549	259,984	10,222	14,159	61,360	71,978	126,523	
<b>Fresh Peppers MT</b>											
European Union	6	7	5,492	5,321	18,787	21	22	12,023	13,606	42,222	
Canada	3	4	1,296	1,795	10,131	12	15	1,924	3,207	16,762	
Mexico	40,640	38,141	133,301	136,376	251,474	25,105	42,842	107,413	146,830	186,686	
Other Countries	336	1,123	2,236	4,364	3,829	523	1,544	4,213	7,479	6,238	
Subtotal:----	40,985	39,276	142,325	147,855	284,221	25,661	44,424	125,572	171,121	251,908	
<b>Seed Potatoes MT</b>											
Canada	13,309	19,576	34,704	44,461	114,218	2,305	3,551	6,509	8,276	20,189	
Brazil	0	0	0	0	3	0	0	0	0	3	
China, Peoples Re	0	0	0	0	11	0	0	0	0	8	
Other Countries	0	0	0	14	0	0	0	0	8	5	
Subtotal:----	13,309	19,576	34,704	44,475	114,233	2,305	3,551	6,509	8,284	20,204	
<b>Table Potatoes MT</b>											
European Union	0	0	0	36	62	0	0	0	25	56	
Canada	19,485	34,795	105,059	158,942	210,604	3,306	6,576	19,138	31,189	38,993	
Japan	0	0	0	12	13	0	8	0	36	38	
Other Countries	6	0	6	2	12	4	0	4	36	9	
Subtotal:----	19,491	34,795	105,065	158,992	210,692	3,310	6,585	19,142	31,286	39,097	
<b>Fresh Tomatoes MT</b>											
European Union	1,183	2,105	10,545	15,216	38,267	2,039	3,336	21,068	27,837	61,384	
Canada	153	108	2,759	5,206	34,920	420	348	5,386	9,054	55,045	
Mexico	111,965	101,095	324,405	312,240	666,748	70,737	60,116	197,712	235,451	488,503	
Other Countries	814	1,504	1,813	3,123	3,270	1,955	2,657	3,895	6,035	6,681	
Subtotal:----	114,115	104,812	339,521	335,784	743,205	75,152	66,457	228,060	278,378	611,612	
<b>Fresh Asparagus MT</b>											
Mexico	4,432	7,704	9,561	13,060	20,970	8,648	15,800	19,592	30,789	37,985	
Peru	115	96	6,934	7,498	12,002	160	112	11,604	13,661	20,530	
Chile	0	0	2,268	2,505	2,581	0	0	1,980	2,421	2,305	
Other Countries	60	98	1,769	2,186	3,193	149	267	3,077	4,095	5,769	
Subtotal:----	4,607	7,898	20,533	25,248	38,745	8,958	16,180	36,252	50,966	66,588	
<b>Canned Tomato Paste MT</b>											
Mexico	0	0	0	0	7,350	0	0	0	0	5,290	
Peru	151	0	453	0	654	129	0	388	0	543	
Israel	235	152	2,132	490	3,524	187	129	1,847	384	3,065	
Other Countries	223	91	1,075	395	2,167	174	103	1,016	436	2,095	
Subtotal:----	608	243	3,659	886	13,694	490	232	3,252	821	10,993	
<b>Canned Tomato Sauce MT</b>											
European Union	565	464	2,639	1,965	9,222	1,122	1,182	4,699	3,838	15,934	
Canada	585	598	2,146	2,548	5,655	483	461	2,112	2,125	5,352	
Dominican Republi	264	139	1,030	564	1,986	194	104	754	402	1,465	
Other Countries	322	189	1,013	1,269	3,102	962	574	2,289	2,554	7,613	
Subtotal:----	1,737	1,391	6,828	6,345	19,965	2,762	2,321	9,854	8,919	30,364	
<b>Canned Tomatoes MT</b>											
European Union	4,355	3,945	21,918	27,219	48,631	1,643	1,883	8,741	12,313	19,156	
Canada	616	888	2,033	1,521	7,096	333	478	995	821	3,450	
Israel	251	504	3,075	4,327	6,418	138	320	1,694	2,638	3,653	
Other Countries	158	48	1,610	1,377	3,444	83	31	821	680	1,720	
Subtotal:----	5,380	5,384	28,635	34,445	65,589	2,197	2,712	12,251	16,452	27,979	
<b>Canned Mushrooms MT</b>											
India	205	289	1,288	2,317	3,571	527	519	2,549	3,965	6,467	
Indonesia	1,393	889	6,280	5,956	16,192	2,868	1,545	13,389	11,074	34,027	
China, Peoples Re	2,499	5,686	15,931	14,781	34,448	3,465	6,844	23,075	19,209	50,298	
Other Countries	1,405	1,247	6,088	4,395	12,047	3,044	2,444	12,828	9,970	27,532	
Subtotal:----	5,502	8,111	29,587	27,450	67,258	9,903	11,352	51,841	44,218	118,324	
<b>Frozen Broccoli MT</b>											
Canada	0	67	61	107	172	0	77	71	118	157	
Mexico	15,046	11,217	65,176	61,237	148,645	9,020	7,272	40,179	38,201	91,092	
Guatemala	1,809	2,174	10,246	10,634	20,617	1,379	1,547	7,544	7,671	14,806	
Other Countries	0	0	6	18	24	0	0	7	5	25	
Subtotal:----	16,855	13,457	75,489	71,995	169,458	10,399	8,895	47,800	45,994	106,080	
<b>Frozen Cauliflower MT</b>											
Canada	46	10	236	221	749	44	15	214	172	609	
Mexico	1,044	1,304	12,596	17,427	16,424	758	1,084	9,436	12,533	12,283	
Guatemala	65	294	623	845	1,284	51	264	479	712	1,022	
Other Countries	0	0	6	174	272	0	0	5	67	147	
Subtotal:----	1,155	1,608	13,462	18,667	18,729	852	1,362	10,134	13,483	14,060	

U.S. Imports of Selected Horticultural Products

Product and Country		Quantity					Values (1000 Dollars)				
Country Region		Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997	Feb FY 1997	Feb FY 1998	Oct-Feb FY 1997	Oct-Feb FY 1998	Oct-Sep FY 1997
Frozen Potatoes	MT										
European Union		0	144	160	606	582	0	83	124	350	375
Canada		21,818	29,680	112,603	150,057	286,083	13,371	18,309	68,030	92,356	168,663
New Zealand		0	0	0	0	71	0	0	0	0	86
Other Countries		6	534	36	690	72	18	86	83	151	199
Subtotal:----		21,824	30,358	112,799	151,354	286,808	13,389	18,478	68,237	92,857	169,323
Pistachios, Nsh	MT										
Turkey		0	0	158	45	516	0	0	594	152	1,942
Singapore		0	0	0	0	1	0	0	0	0	7
Hong Kong		0	0	0	0	0	0	0	2	0	2
Other Countries		0	0	0	1	0	0	0	0	9	1
Subtotal:----		0	0	159	46	517	0	0	595	161	1,952
Cashew Nut	MT										
Brazil		2,544	1,810	11,047	10,755	25,908	11,483	7,971	50,137	48,201	117,019
India		2,366	2,627	10,956	15,508	28,903	11,624	12,424	55,148	74,451	143,602
Mozambique		229	204	1,319	1,192	3,434	773	739	4,924	3,902	12,718
Other Countries		257	678	1,637	3,681	4,424	1,057	2,774	7,035	15,529	18,977
Subtotal:----		5,396	5,320	24,959	31,137	62,669	24,937	23,907	117,245	142,083	292,315
Filberts	MT										
European Union		10	7	52	44	104	49	35	264	225	542
Canada		0	0	139	311	168	3	0	149	470	185
Turkey		299	153	2,186	2,307	3,607	1,241	739	8,155	11,062	14,554
Other Countries		0	0	2	0	49	2	0	9	1	137
Subtotal:----		310	160	2,378	2,662	3,928	1,295	774	8,576	11,759	15,417
Pecans, Nsh	MT										
European Union		0	0	0	0	0	0	0	0	0	0
Greenland		0	0	0	0	0	0	0	0	0	0
Mexico		929	2,029	15,187	13,784	15,267	873	3,979	15,629	25,759	15,699
Other Countries		0	0	0	0	0	0	0	0	0	0
Subtotal:----		929	2,029	15,187	13,784	15,267	873	3,979	15,629	25,759	15,699
Roses	M										
Guatemala		5,562	4,860	16,206	13,724	40,509	903	1,042	2,526	2,586	6,352
Colombia		104,701	101,460	271,424	326,843	590,276	24,312	26,420	54,630	79,122	123,965
Ecuador		32,025	38,384	100,365	134,088	234,493	7,593	9,518	20,189	28,913	47,404
Other Countries		10,364	10,027	22,853	23,947	54,019	7,107	6,811	11,740	12,284	23,236
Subtotal:----		152,651	154,731	410,847	498,602	919,298	39,915	43,791	89,086	122,904	200,957
Carnations	MIXED										
Guatemala		0	0	0	0	0	88	104	263	499	1,369
Colombia		0	0	0	0	0	9,690	8,753	47,456	51,669	107,577
Ecuador		0	0	0	0	0	413	319	1,868	1,499	4,809
Other Countries		0	0	0	0	0	214	221	494	652	1,258
Subtotal:----		0	0	0	0	0	10,405	9,398	50,081	54,320	115,014
Chmp & Sprk Wine	KL										
European Union		1,017	1,240	15,936	17,153	29,976	15,156	21,292	168,016	192,572	335,410
Chile		6	2	46	22	80	68	5	192	58	334
Australia		4	11	48	73	121	15	42	175	335	514
Other Countries		7	13	51	124	115	28	62	217	472	354
Subtotal:----		1,033	1,266	16,081	17,372	30,292	15,268	21,401	168,601	193,437	336,611
Ft & Verm Wine	KL										
European Union		556	587	3,687	3,262	8,626	1,312	1,409	9,128	8,116	21,364
Bermuda		0	14	5	47	16	0	41	15	135	46
Argentina		0	0	12	0	19	0	0	25	0	29
Other Countries		0	0	0	123	5	0	0	0	189	13
Subtotal:----		556	601	3,704	3,431	8,666	1,312	1,450	9,168	8,440	21,453
Other Grape Wine	KL										
European Union		16,730	16,041	97,745	113,635	280,760	58,805	63,673	382,572	445,169	979,786
Chile		3,717	3,402	24,042	28,964	55,970	7,639	7,672	47,274	58,571	116,316
Australia		1,113	1,815	8,159	11,707	23,057	5,096	8,809	37,875	55,181	110,972
Other Countries		1,303	1,940	9,059	10,305	24,723	2,817	3,768	18,042	21,661	46,753
Subtotal:----		22,863	23,199	139,004	164,610	384,511	74,358	83,922	485,762	580,583	1,253,827
Wine, Other Products	KL										
European Union		146	447	1,773	2,599	4,612	197	536	2,212	3,306	5,877
Canada		119	99	559	570	1,540	118	125	628	697	1,743
Japan		173	181	773	800	1,665	876	710	3,630	3,788	7,953
Other Countries		57	106	418	431	922	186	166	830	790	1,824
Subtotal:----		496	833	3,523	4,399	8,740	1,378	1,537	7,300	8,581	17,397

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56

World Horticultural Trade &  
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